



KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)

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

Anand Nagar, Krishnankoil, Srivilliputtur (Via), Virudhunagar (Dt) - 626126, Tamil Nadu | info@kalasalingam.ac.in | www.kalasalingam.ac.in



Social Aspects Training

The faculty development program on sustainability, supported by the KALTEC office, seems to be a valuable initiative in our campus. Totally 40-hour social aspects training for faculty members, combined with the sustainability-focused faculty development program, can contribute to a more sustainable and socially responsible academic environment.

(i) Industry-Institute Initiatives & Resource Utilisation

MoU Signed Details

| Sl. No | Name of the Industry | Purpose | Signed on |
|--------|---|---|---------------|
| 1 | Wipro Ltd India | Teaching Learning + Placement | November 2024 |
| 2 | MEMFILL Tech Pvt Ltd, Karaikudi | Research and Development | November 2024 |
| 3 | PRSSemicon Technologies | Innovation Hub, Internship, Resource Sharing | December 2024 |
| 4 | Olee.Space, Pune, a SpaceTech-LaserComm industry registered under MSME, | Faculty training, student internships, and workshops, in collaboration with NIT Surat, Gujarat, and SGSITS, Indore, MP. | January 2025 |
| 5 | Tamil Nadu Technology Hub (iTNT) | Innovation Hub, Internship, Resource Sharing | January 2025 |

Outcomes of the MoUs:

Centre of Excellence in Collaboration with Jet Aerospace, Coimbatore

We are proud to announce the establishment of a Center of Excellence Drone Technologies, in collaboration with Jet Aerospace, Coimbatore. This strategic partnership marks a significant milestone in our efforts to enhance the technical competencies of our students and align them with industry-ready skills in emerging technologies, particularly in the field of drone and aerospace engineering.

As part of the Memorandum of Understanding (MoU) signed between our institution and Jet Aerospace, a mutual commitment has been made to facilitate advanced training programs, research opportunities, and credit-based courses for our students. This collaboration aims to bridge the gap between academic learning and practical industry application, thereby fostering a culture of innovation, hands-on experience, and real-world problem-solving among young engineers.

Jet Aerospace has generously supported this initiative by providing equipment worth ₹10 lakhs, which includes six advanced drones and simulators. These resources will be integrated into our curriculum and lab infrastructure to ensure students gain practical exposure to cutting-edge technologies used in aerospace industries today. The equipment is expected to greatly enhance the quality of training and help our students develop expertise in areas such as drone piloting, drone assembly and repair, simulation-based flight training, and data collection and analysis using UAVs.

As a remarkable beginning to this collaboration, **a five-day intensive training program was organized, tailored for 37 students from our institution.** Conducted by expert trainers from Jet Aerospace, the program included both theoretical sessions and practical workshops on drone technology, safety protocols, regulatory frameworks, and simulation-based flight operations. Students had hands-on experience operating various types of drones and using simulators under the guidance of certified instructors.

We are proud to share that all 37 students successfully completed the training program and have received certification from Jet Aerospace. This accomplishment highlights the enthusiasm, commitment, and potential of our students to embrace new technologies and thrive in future-oriented careers.

The establishment of this Center of Excellence is not just an infrastructure upgrade but a dynamic knowledge-sharing platform that will drive interdisciplinary learning and research. It will also open doors to industry projects, internships, and further collaborations with aerospace organizations.

iTNT Hub Collaboration



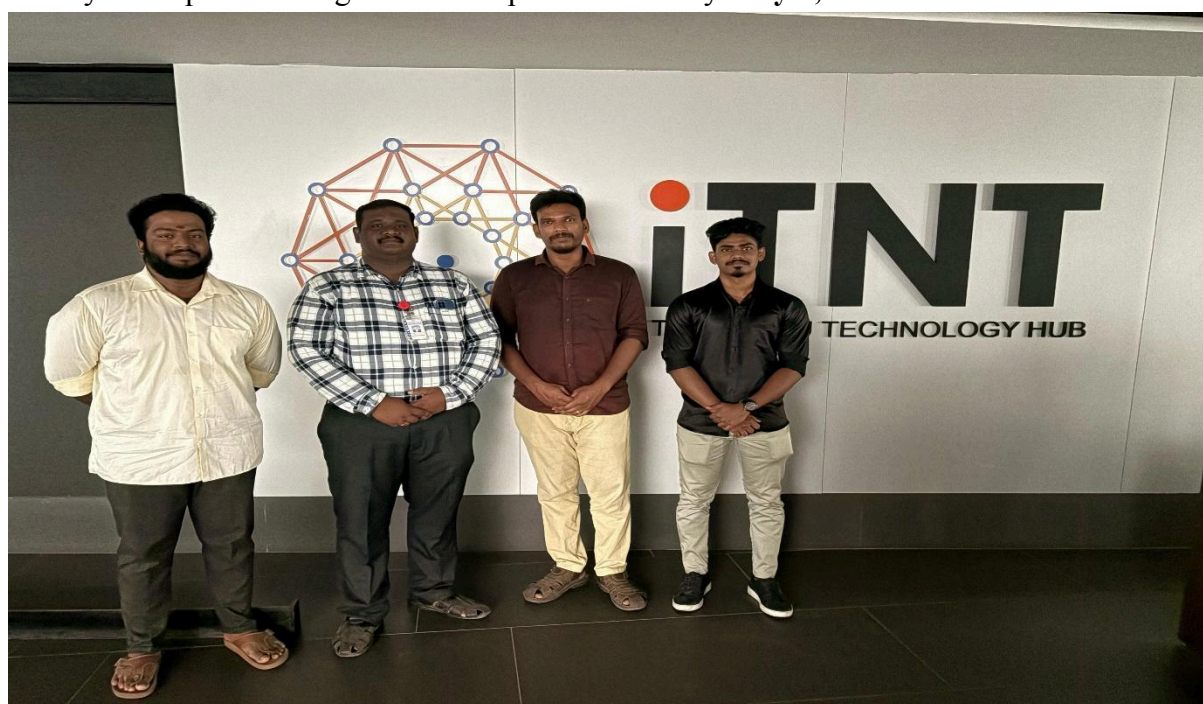
MoU with Tamil Nadu Technology Hub (iTNT) on 10.01.2025

1. MoU supports innovation hub activities, resource sharing, and internship opportunities
2. Participation in **BEACON program**, a 5-day startup accelerator scheduled for mid-May 2025 in Madurai/Chennai
3. Opportunity for faculty to access **grants up to ₹15 lakhs**, based on evaluation

Nominated Faculty Members for BEACON Program:

0. Dr. S. Sakthivel – BME
1. Dr. B. Perumal – ECE
2. Dr. J. Deny – ECE
3. Dr. N.C. Brintha – IT
4. Dr. P.L. Meyyappan – Civil
5. Dr. S. Gowthaman – Auto
6. Dr. V. Baby Shalini – IT
7. Dr. Aruna Janani V. – Chemical
8. Dr. R. Murgeswari – CSE
9. Dr. K. Rajesh – EEE
10. Dr. L. Muthulakshmi – Biotech
11. Dr. S. Vanitha – Civil
12. Dr. P. Jayakumar – Mechanical
13. Dr. S. Diwakaran – ECE
14. Dr. Jeyanth Allwin – Food Technology
15. Dr. Illayaraja – CSIT
16. Dr. K. Vijayakumar – EEE
17. Dr. M. Sivasubramanian – Mechanical
18. Dr. Josephine Selle Jeyanathan – ECE
19. Dr. R. Senthil Kumar – Auro

Faculty are expected to register via the provided link by **May 3, 2025**.



Dr. J. Deny visited the Tamil Nadu Technology Hub (iTNT) on 04.03.2025

(ii) International Patent Initiatives

- Faculty and student research outputs are being screened for patentable innovations with international potential.
- Support is being extended for documentation, drafting, and filing procedures.
- Training and consultations are facilitated through the R&D office and IEDC to streamline the patent process.
- Through the BEACON Program, faculty will have the opportunity to access grants of up to ₹15 lakhs for product development and technology transfer.

Program Attending:

1. Dr J Deny attended the STEM Online Course-2025 - “Technology Transfer Practitioner Essentials” from 15 – 28 Apr 2025, organised by the Society for Technology Management.
2. Dr J Deny attending the 28th International Workshop on Business Incubation (IBI Workshop) from April 21st to May 7th, 2025, organised by Shanghai Technology Innovation Center, China.

Funding:

KARE has been provisionally selected for the AICTE IDEA LAB Grant.

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Our Pleasure Sharing

Provisional Selection under the Prestigious

AICTE IDEA Lab Scheme

(Idea Development, Evaluation & Application)

2024-2025

₹1.18 crores

Chief Mentor
Dr. S. Narayanan
Vice Chancellor, KARE

Coordinator
Dr. M. Pallikonda Rajasekaran
Director R & D, KARE

Co Coordinator
Dr. J. Deny
Head Incubation, KARE





NBA Accredited B.Tech Programmes
Biotech | CSE | ECE | Mechanical
Civil | EEE | Food Tech | IT
NBA Accredited M.Tech Programmes
Biotech | Structural Engg.
Industrial Safety Eng.



ACCREDITED WITH GRADE
A++
NAAC



nirf
NATIONAL INSTITUTE RANKING FOR EDUCATION
FUND-2024

30th University Category
35th Engineering Category
38th Agriculture Category
11-50th Band Innovation Category
50th Overall Category

   
@Kalasalingam University

The IDEA Lab, soon to be established on our campus, will provide cutting-edge facilities under one roof to turn innovative ideas into prototypes. This initiative will inspire both students and faculty to embark on creative projects, nurturing essential skills like creative thinking, problem-solving, and collaboration—skills that traditional labs often do not fully facilitate.



Dr. M. Pallikonda Rajasekaran, Director – R&D, and Dr. J. Deny, Incubation Head, had the esteemed opportunity to participate in the 5-Day Faculty Development Program (FDP) organised by the AICTE IDEA Lab at VTU, Belagavi Campus from 1st to 5th April 2025.

The program brought together 40 distinguished faculty members from reputed institutions across the country, creating a dynamic platform for knowledge sharing, collaborative learning, and innovative thinking.

This immersive FDP offered extensive hands-on training in advanced prototyping and fabrication tools, including:

- ◆ 3D Printing Technologies
- ◆ 3D Scanning Systems
- ◆ Laser Cutting Machines
- ◆ PCB Design, Fabrication & Microcontroller Programming

The sessions provided valuable technical insights and practical exposure, enabling us to better envision and plan the infrastructure, resources, and roadmap required for establishing a world-class AICTE IDEA Lab at KARE.

ECO PULSE 2K25 – Igniting Young Minds for a Greener Tomorrow

The Green Army Club of Kalasalingam Academy of Research and Education (KARE) proudly organized ECO PULSE 2K25 – a vibrant series of eco-themed competitions including quiz, drawing, and a fun gossip challenge for the energetic students of Linga Global School (Grades 6 to 8)

📍 Date: Wednesday, April 9, 2025

🕒 Time: 1:00 PM to 4:00 PM

🏠 Venue: Linga Global School, Anand Nagar, Krishnankoil

Theme: “Empowering Our Planet: Uniting for a Greener Future” Organized in commemoration of World Earth Day, the event aimed to spark environmental awareness among school students while promoting the UN SDGs:

- ◆ SDG 11 – Sustainable Cities and Communities
- ◆ **SDG 13 – Climate Action**
- ◆ SDG 15 – Life on Land

Winners received certificates, medals, and tree saplings — a beautiful gesture to grow with nature! The saplings were planted 🌱 behind the school as a green legacy.

The event was graced by Ms. Alka Sharma, Principal, Linga Global School, and was meticulously coordinated by Dr. K. Selvarani, Faculty Coordinator, Green Army Club, KARE.

A heartfelt shoutout to all the passionate Green Army Volunteers who inspired young minds to stand up for Mother Earth!



BHOOMI'25 – Awareness Rally cum Street Play on Water and Forest Conservation

The Nature Club of Kalasalingam Academy of Research and Education (KARE) proudly organized BHOOMI'25 on 5th April 2025 (Saturday) at Watrap Town – an impactful initiative to raise awareness on the critical need for water and forest conservation.

Through a spirited rally and engaging street plays, our enthusiastic student volunteers reached out to the local community, emphasizing the urgency of protecting our natural resources. This initiative aligns with the UN Sustainable Development Goals – **SDG 13: Climate Action** and **SDG 15: Life on Land**.

More than 100 students actively participated, showcasing their commitment towards a greener and more sustainable future.

Kudos to Dr. A. Bharathi, Faculty Coordinator, Nature Club, for meticulously organizing the event and guiding the young changemakers. Let's continue to be the voice for our planet.



Faculty & Students Appreciated for Their Hard Work in Organizing SPARKZ 2K25

An appreciation meeting was organized to honor the faculty coordinators of various clubs and committees and student volunteers who played a pivotal role in the successful conduction of SPARKZ 2K25, the annual cultural fest of Kalasalingam Academy of Research and Education (KARE).

📍 Venue: Administrative Block Seminar Hall, KARE
📅 Date: 26-03-2025 (Wednesday)
🕒 Time: 4:00 PM

The event commenced with a warm welcome address by Dr. J. Pradeep Kandhasamy, Faculty Coordinator, Fine Arts Club. Our esteemed Vice Chancellor, Dr. S. Narayanan, recognized the outstanding contributions of faculty coordinators from various clubs and committees, as well as the student volunteers, by presenting appreciation certificates. The event concluded with a heartfelt vote of thanks by Dr. A. Samson Nesaraj, Director (Student Affairs).

A huge round of applause to all the faculty coordinators of clubs and committees and students who worked tirelessly behind the scenes to make SPARKZ 2K25 a grand success! Your dedication, coordination, and teamwork exemplify the spirit of excellence, creativity, and leadership at KARE.

This initiative aligns with the United Nations Sustainable Development Goals (SDGs):

- ✅ SDG 3: Good Health & Well-being 🏥 – Promoting mental well-being through cultural engagement.
- ✅ SDG 4: Quality Education 🎓 – Encouraging holistic student development.
- ✅ **SDG 10: Reduced Inequalities 🤝 – Ensuring inclusivity and equal participation.**
- ✅ SDG 17: Partnerships for the Goals 🌐 – Strengthening collaboration through cultural unity.

Cultural festivals like SPARKZ 2K25 are not just about entertainment—they foster creativity, teamwork, and leadership, shaping well-rounded individuals.



Clean Drive at Vagamon & Varkala – A Step Towards a Sustainable Future

The Youth Red Cross (YRC), KARE organized an environmental awareness initiative, "Clean Drive at Vagamon & Varkala," on 22nd and 23rd March 2025. This initiative aimed to promote sustainability, environmental conservation, and responsible waste management.

Key Highlights:

- ✓ Engaged students in cleaning activities and waste segregation
- ✓ Raised awareness among local communities and tourists about pollution and responsible tourism
- ✓ Contributed to several United Nations Sustainable Development Goals (SDGs):
 - ✓ SDG 3 – Good Health & Well-being: A cleaner environment reduces health risks caused by pollution.
 - ✓ SDG 6 – Clean Water & Sanitation: Removing waste from water bodies promotes water conservation.
 - ✓ SDG 12 – Responsible Consumption & Production: Encouraging sustainable waste disposal minimizes environmental impact.
 - ✓ **SDG 13 – Climate Action: Protecting nature helps mitigate climate change.**
 - ✓ SDG 14 – Life Below Water: Preventing waste entry into water bodies safeguards marine life.
 - ✓ SDG 15 – Life on Land: Preserving landscapes ensures biodiversity protection.

This initiative empowered students to take real action toward building a cleaner and healthier environment.



Green Army Club, KARE, Champions Forest Conservation on World Forest Day

On March 1, 2025, the Green Army Club, Kalasalingam Academy of Research and Education (KARE), in collaboration with WeVitamin Global (NGO), organized an awareness rally at Srivilliputhur to commemorate World Forest Day.

With powerful placards advocating forest conservation, biodiversity protection, and wildlife preservation, our 300+ student volunteers took to the streets to inspire environmental responsibility. The rally was flagged off by Srivilliputhur Deputy Superintendent of Police, Mr. A. Raja, who emphasized the importance of safeguarding trees not only in public spaces but also within our homes.

We were honored by the presence of:

- ✓ Mr. P. Muthukumar (Srivilliputhur Police Inspector)
- ✓ Mr. P. Dharmaraj (Sub Inspector of Police)
- ✓ Mr. A. Selvaraj (Traffic Sub Inspector)

During the rally, students also distributed tree saplings to the public, further encouraging green cover expansion.

The event was efficiently coordinated by Dr. K. Selvarani (Coordinator, Green Army Club), along with Mr. K. Suresh Kumar, Dr. T. Praveen, and Dr. J. Jeya Prabha (Programme Officers, Green Army Club). Special thanks to Dr. J. Jessila Angeline, Co-founder & CEO of WeVitamin Global, for gracing the event with her presence.

Post-rally action: Our students planted trees in the Shenbaka Thoppu region of Srivilliputhur, reinforcing their commitment to a greener tomorrow.

This initiative aligns with the United Nations Sustainable Development Goals (SDGs):

- ✓ SDG 3 - Good Health & Well-being ✓ SDG 6 - Clean Water & Sanitation
- ✓ SDG 11 - Sustainable Cities & Communities ✓ **SDG 13 - Climate Action** ✓ SDG 15 - Life on Land

Youth for Sustainable Development: NSS Camp at Kalasalingam Academy of Research and Education

From December 3-9, 2024, the NSS Unit of Kalasalingam Academy of Research and Education organized a 7-day camp in Pillayarnatham and Kambathupatti villages, Srivilliputhur Taluk. With the participation of 120 students, the camp embraced the theme "Youth for Sustainable Development" and included impactful activities:

- ✓ Societal awareness
- ✓ Self-employment seminar
- ✓ Role of students in societal development
- ✓ Water sample collection
- ✓ Clean Bharat awareness program

- ✓ Humanity and global warming discussions
- ✓ Silambam training
- ✓ Tree plantation
- ✓ Solar energy awareness
- ✓ Village cleaning activity
- ✓ Anti-drug awareness rally
- ✓ AIDS awareness
- ✓ Youth empowerment
- ✓ Child protection
- ✓ Cultural activity

The camp addressed Sustainable Development Goals (SDGs):

- ✓ Goal 3: Good Health and Well-being
- ✓ Goal 5: Gender Equality
- ✓ Goal 6: Clean Water and Sanitation
- ✓ **Goal 10: Reduced Inequalities**
- ✓ **Goal 13: Climate Action**
- ✓ Goal 15: Life on Land

Led by NSS Programme Coordinator Mr. T. Rajpradeesh and supported by Programme Officers Mr. S. Sureshkumar, Dr. R. Sundar Rajan, Mr. P. Rajkumar, Mrs. R. Priya, Mrs. J. Loyola Jasmine, Mr. R. Mariselvan, Mrs. S. Sujitha, and Mr. V. Aravinda Rajan, the camp fostered leadership, teamwork, and a sense of social responsibility among students.

Together, we empowered rural communities and created lasting impacts!



The NSS wing of Kalasalingam University, in collaboration with WEVITAMIN, a prominent NGO dedicated to environmental conservation, organized a significant palm seed plantation drive at Shenbagathoppu, Srivilliputhur, on 30th November 2024. The initiative aimed to enhance the green cover, support biodiversity, and promote environmental awareness among students and the local community.

A total of 50 NSS volunteers from the [B.Tech. Agricultural Engineering](#) program actively participated in this impactful event. The plantation drive focused on areas within the forest region, carefully chosen to maximize ecological benefits. The volunteers planted 110 palm seeds, which hold immense importance in ecological conservation as they help combat soil erosion, restore natural habitats, and serve as a valuable resource for wildlife.

The event commenced with a briefing session where the significance of palm trees and their role in environmental sustainability were explained. Volunteers then dispersed into the plantation zones, working with enthusiasm and dedication to complete the task efficiently. Their involvement highlighted the importance of youth participation in addressing environmental challenges and fostering a sense of responsibility toward nature.

Representatives from WEVITAMIN appreciated the collaborative effort and emphasized the need for continuous engagement in such initiatives to create a lasting impact. The faculty coordinators from Kalasalingam University also lauded the students for their active involvement and commitment to the cause.

This plantation drive is a part of the university's ongoing efforts to instill sustainable practices and environmental consciousness among its students. It also reinforces the vital role educational institutions play in promoting ecological preservation through practical, hands-on initiatives.

The success of the event is a testament to the dedication of the NSS wing, WEVITAMIN NGO, and the university in working toward a greener, more sustainable future.

