

MoUs signed with the Universities abroad

Collaborating Institution	Output
<p>Western Norway Univ. of Applied Sciences (HVL) Norway</p> <p>Coordinator Prof. P. Ravirajan</p> <p>Department Physics</p>	<ul style="list-style-type: none"> - 90+ research publications and conference abstracts, including 44 Q1/Q2 indexed journal articles in Scopus and Web of Science. - Establishment of a state-of-the-art Clean Energy Research Laboratory, enabling sustained and advanced research in nanomaterials and renewable energy. - Procured XRD, Solar Simulator, Workbench, multifunctional printers, gas purification system to the glove box, computers, multimedia projector, conference tables and chairs - Development of nationally and internationally relevant research themes in nanomaterials for clean energy, floating solar systems, and biomass-based energy. - Production of 3 PhD, 8 MPhil, and 9 MSc graduates under the project, with 3 MPhil candidates presently in progress. - Joint supervision of postgraduate students by academics from the University of Jaffna (UoJ), Western Norway University of Applied Sciences (HVL), and the University of Bergen (UoB). - Provision of advanced hands-on training in nanomaterials synthesis and characterisation for undergraduate, MSc, and PhD students. - Design and implementation of Sri Lanka's first internationally benchmarked MSc programmes in Clean Energy Technologies, approved by the UGC Quality Assurance Council. - Integration of research-led teaching and modern laboratory-based learning approaches. - Enhancement of postgraduate education aligned with global clean energy and sustainability standards. - Facilitation of over 20 staff exchanges and over 20 student exchanges between Sri Lanka and Norway. - Establishment of long-term institutional partnerships with HVL, UoB, and Coimbatore Institute of Technology (CIT). - Strengthening of international co-authorships and joint research supervision frameworks. - Successful organization of three major international conferences under the AMCEHA series in 2019, 2023 and 2025 over 120 international participants from 35 institutions.
<p>University of Tromso, Norway. University of Ruhuna (Local focal point) University of Jaffna (Partner)</p>	<ul style="list-style-type: none"> - One PhD and three MPhil students successfully completed and were awarded their degrees, while two students submitted their thesis for 08 full papers and 12 abstract publications were achieved

Coordinator Prof. Ms. S. Kuganathan Department Fisheries	<ul style="list-style-type: none"> - A residential workshop on Fisheries Science education is organized by partner – UoJ (23-24th July 2024). - An international conference is organized by all partners of NORLANKA BLUE at Colombo (26 July 2024). - An exhibition and workshop living with the oceans was organized by partner-UoR (December 2024) - Workshops on Literature Review for Undergraduate and Graduate Students was organized by partner-UoR (December 2024). - A book titled 'Water and People' was launched in December 2024.
University of Bern, Switzerland Coordinator Prof. S. N. Surendran Department Zoology	<ul style="list-style-type: none"> - Two Ph.D. students have completed their visit to the University of Bern, Switzerland for a short research stay. - Bioinformatics training workshop was conducted by research collaborators from the University of Bern, Switzerland to 30 graduate students. - Two research publications were published in high-impact factor journals.
University of Bergen, Norway Coordinator Prof. P. Ravirajan Department Physics	<ul style="list-style-type: none"> - Four PhD students who have been pursuing research work under the joint supervision of academics from UoJ, UoB and HVL published eight papers in SCI journals and a couple of submitted to SCI journals
Sivananthan Laboratories Inc., USA Coordinator Prof. Ms. Meena Senthilnathanan Department Chemistry	<ul style="list-style-type: none"> - The Vice-Chancellor and Professor Siva Sivanaanthan, CEO of the Sivananthan Laboratories had a meeting along with the team including Dean/Science and the Researchers from the Departments of Physics and Computer Science had a meeting in person to identify the mutual area of Research. - Researchers from the Departments of Computer Science and Physics are in the process of developing a proposal to do research in the field of AI.
University of Konstanz, Germany Coordinator Dr. K. Sarveswaran	<ul style="list-style-type: none"> - A grant proposal has been submitted in collaboration with a scholar from the University of Konstanz, and the outcome is expected in 2 months. If successful, there will be continuous staff and student exchanges happening from 2024 for 4 years. - A fellowship for staff exchange was offered by the University of Konstanz.

Department Computer Science	<ul style="list-style-type: none"> - Prof. Miriam Butt has agreed to serve as an advisor for the recently formed interdisciplinary research group known as the "Language Technology Group" established by the staff of the University of Jaffna and led by the members of the Department of Computer Science.
Tamil Nadu Dr. J. Jayalalithaa Fisheries University, India. Coordinator Prof. Ms. S. Kuganathan Department Fisheries	<ul style="list-style-type: none"> - Project activities continued effectively. Mr. S. Thivviyan submitted his MPhil registration and presented his research proposal. - Dr. Lloyd Crispin C from TNFU visited the Department of Fisheries, University of Jaffna, from 4 May to 18 July 2025 as a Visiting Professor under the Grant. During this period, he contributed to teaching, monitored research progress, and facilitated capacity-building programmes.
Bay of Bengal Programme Inter-Governmental Organisation (BoBP-IGO) Coordinator Prof. Ms. S. Kuganathan Department Fisheries	<ul style="list-style-type: none"> - Project activities advanced with the visit of BoBP-IGO experts from 14 to 17 May 2025 for the inception phase, during which field assessments and stakeholder discussions were held. - Recruitment of a research assistant is in progress. Four staff members completed capacity development programmes on EAFM planning conducted at NARA, Colombo.

MoUs signed with the Institutions in Sri Lanka

Collaborating Institution	Output
Information and Communication Technology Agency of Sri Lanka (ICTA), Dialog Axiata PLC, and Computer Society of Sri Lanka (CSSL) Principal Investigator Mr. S. Suthakar Coordinator and Proposal Writer Dr. K. Thabotharan	<ul style="list-style-type: none"> - Establishment of the IoT laboratory, equipped with IoT kits and Laptop computers worth of LKR 12 million in the department of Computer Science. - Grade 9 IoT Workshop (April 1-2, 2023): An impactful two-day IoT workshop was organized by IEEE-SB-UoJ for Grade 9 students from the Jaffna zonal division. Held on April 1st and 2nd, 2023, at the Department of Computer Science, University of Jaffna, the session provided hands-on IoT training. A total of 76 students and 5 teachers from local schools gained insights into IoT technologies. - IEEE Summer School on Computational Intelligence (July 12-14, 2023): The IEEE-CIS-SBC-UoJ successfully hosted the "2023 IEEE Summer School on Computational Intelligence: Theory and Applications" from July 12th to 14th. As part of this event, a three-hour hands-on IoT training titled "Internet of Things and Robotics" was conducted, emphasizing practical IoT applications.

<p>Department Computer Science</p>	<ul style="list-style-type: none"> - IoT Lectures and Sessions (2023-2025): Lectures and practical sessions were conducted for the IoT segment of the Emerging Trends in Computer Science (CSC211S2) course unit. Faculty from the University of Jaffna's Engineering Department contributed to these sessions, which occurred on 2023-2025. - Google exploreCSR Summer School on Machine Intelligence (GeSSoMI) (June 14-16, 2024). As part of this event, a three-hour hands-on IoT training titled "Internet of Things and Robotics" was conducted, emphasizing practical IoT applications.
<p>Inthira Group (Pvt.) Ltd., Kilinochchi</p> <p>Coordinator and Principal Inventor Dr. K. Thabotharan</p> <p>Inventor 2 Mr. R. Ramanaruban</p> <p>Department Computer Science</p>	<ul style="list-style-type: none"> - This MoU between the University of Jaffna and Inthira Group (Pvt.) Ltd., Kilinochchi is signed for the sale and the use of the software product entitled "Agriculture Products Management System", developed by the two inventors attached to the department of Computer Science. - Since the signing of the Mou with the Inthira Group (Pvt.) Ltd., the researchers have applied for a research grant of LKR 300,000/= for hiring two (02) developers to expedite the process of development of the final software. The researchers were successful in securing the funds from the World Bank funded AHEAD project via the University Business Linkage (UBL) of the University of Jaffna.