THE - Impact Rankings 2026

Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development

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17.2.3 International collaboration data gathering for SDG

International Relations Website: https://kalasalingam.ac.in/international-relations/

Kalasalingam Academy of Research and Education (KARE) actively engages in international collaborations to support data-driven research and initiatives aligned with the United Nations Sustainable Development Goals (SDGs). Through strategic partnerships with global universities, research institutions, and international organizations, the university contributes to the collection, analysis, and dissemination of high-quality data relevant to sustainable development.

Purpose of the Initiative

The primary goal of these collaborations is to strengthen evidence-based decision-making at regional, national, and global levels. By working with international partners, KARE enhances its capacity to develop impactful research outcomes that directly address global sustainability challenges.

Key Activities

KARE undertakes a wide range of activities that promote international cooperation in data gathering for SDGs:

- Joint Research Projects: Collaborative studies with global institutions addressing themes such as environment, renewable energy, poverty reduction, healthcare innovation, inclusive education, and climate resilience.
- Data Collection and Field Studies: Students, scholars, and faculty work alongside international partners to collect field data, conduct surveys, and develop case studies that support SDG indicators.
- Workshops, Seminars, and Conferences: The university hosts and participates in global knowledge-exchange events that focus on SDG progress, data analytics, sustainability metrics, and global challenges.

- Technology-Enabled Data Sharing: Digital platforms, cloud-based research tools, and virtual collaboration environments allow seamless sharing of datasets, research findings, and analytical models with international collaborators.

Outcomes and Impact

- Enhanced global visibility of research conducted at KARE
- Improved institutional capabilities in data science, analytics, and sustainability research
- Academic exposure and global learning opportunities for students and faculty
- Development of datasets that support government, NGOs, and policy makers
- Contribution to SDG-aligned initiatives such as climate action, clean water, quality education, and sustainable communities
- Strengthened international research networks and interdisciplinary collaboration

Publication Details in 2022-2024 (Source: Scival)

Kalasalingam Academy of Research and Education (KARE) has demonstrated consistent research growth during the period **2022–2024**, with increasing publication output, enhanced research visibility, and improved global collaborations. Insights derived from **SciVal** highlight strong performance in high-impact journals, citation metrics, collaboration indices, and SDG-aligned research.
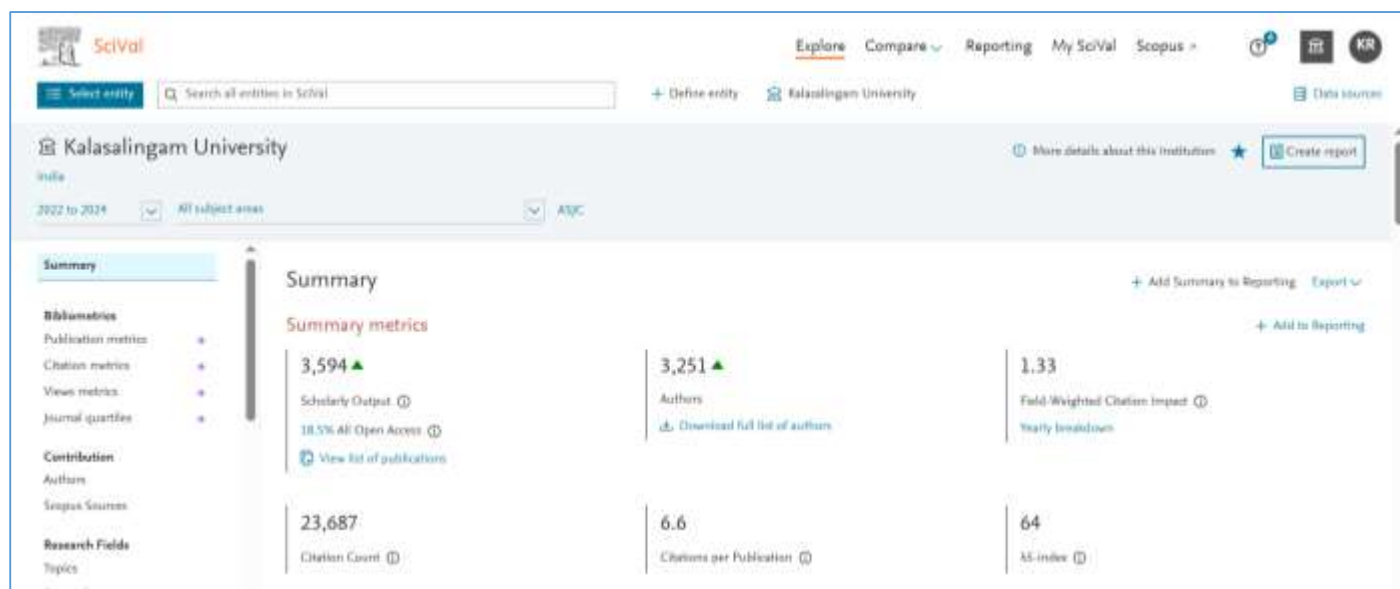
Top Countries/Regions Collaborated with KARE in Publications
Period: 2020–2024
(Report generated through SciVal)

Kalasalingam Academy of Research and Education (KARE) has established strong global research partnerships, reflected in its publication collaborations across multiple countries from 2020 to 2024. The top collaborating countries/regions are listed below:

Countries/ Regions	Public ations	Countries/ Regions	Public ations	Countries/ Regions	Public ations	Countries/ Regions	Public ations
India	3593	Oman	17	Romania	4	New Zealand	2
Saudi Arabia	205	Bahrain	15	Tunisia	4	Peru	2
Malaysia	139	Australia	11	Uzbekistan	4	Portugal	2
South Korea	107	Pakistan	11	Algeria	3	Slovakia	2
United States	91	Singapore	10	Denmark	3	Sweden	2
Thailand	67	Canada	9	Finland	3	Austria	1
United Kingdom	64	Japan	9	Mexico	3	Bosnia and Herzegovina	1
China	61	Nigeria	9	Philippines	3	Cameroon	1
Ethiopia	60	Chile	8	Slovenia	3	Cayman Islands	1
Russian Federation	48	Czech Republic	8	Spain	3	Central African Republic	1
Poland	47	Iran	7	Ukraine	3	Gambia	1
Bangladesh	39	Jordan	7	Yemen	3	Greece	1
Italy	39	Lebanon	7	Azerbaijan	2	Kuwait	1
United Arab Emirates	34	Hong Kong	6	Botswana	2	Maldives	1
South Africa	33	Israel	6	Brunei Darussalam	2	Mauritius	1
Iraq	31	Netherlands	6	Croatia	2	Morocco	1
Taiwan	29	Norway	6	Eritrea	2	Paraguay	1
Egypt	28	Brazil	5	Hungary	2	Qatar	1

| Turkey	22	Viet Nam	5	Kazakhstan	2	Svalbard and Jan Mayen	1
Indonesia	20	Belgium	4	Malawi	2	Switzerland	1
Germany	18	France	4	Malta	2	Tanzania	1

Total Publications: 3594 Nos.

Publication share by Subject Area
Period: 2020–2024
(Source: SciVal)

Kalasalingam Academy of Research and Education (KARE) has demonstrated strong multidisciplinary research contributions from 2020 to 2024. The publication output spans major subject areas, with the highest share in Engineering, Computer Science, and Materials Science.
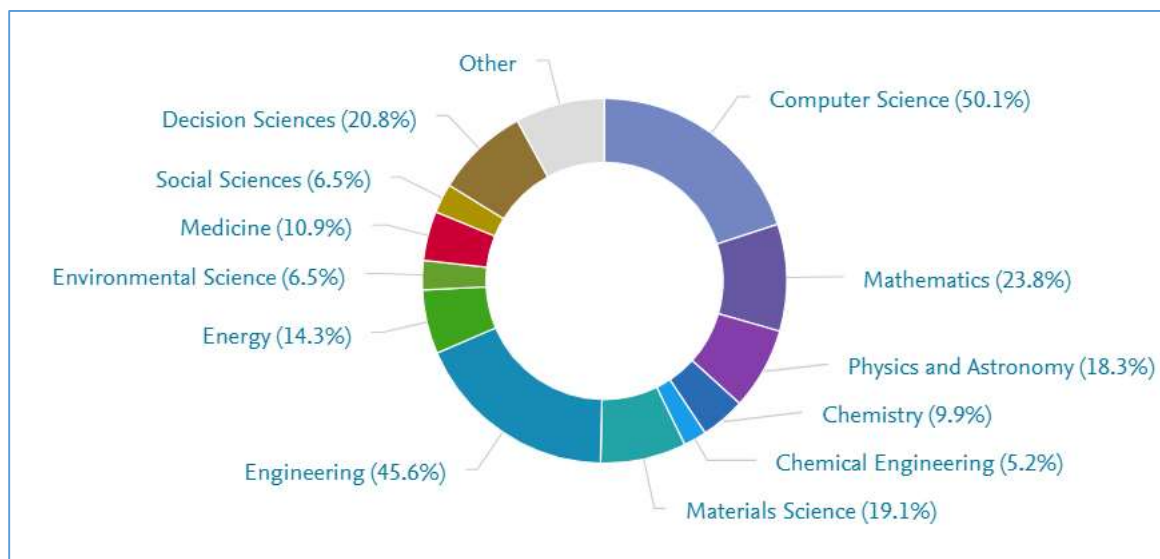
Number of Research Articles with National / International Collaborations

Kalasalingam Academy of Research and Education (KARE) has consistently promoted collaborative research with leading national and international institutions. Collaborative publications significantly enhance research quality, visibility, and global relevance.

Geographical collaboration

Overall

International, national and institutional collaboration by Kalasalingam University in the selected year range.

Metric	Publication share	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact
■ International collaboration	25.5%	918	10,429	11.4	1.51
■ Only national collaboration	44.6%	1,603	8,521	5.3	1.46
■ Only institutional collaboration	29.2%	1,050	4,695	4.5	1.00
■ Single authorship (no collaboration)	0.6%	23	42	1.8	0.43

Type of collaboration	2022	2023	2024	Overall
■ ● International collaboration	324	265	329	918
■ ◆ Only national collaboration	415	542	646	1,603
■ ■ Only institutional collaboration	297	352	401	1,050
■ ▲ Single authorship (no collaboration)	8	10	5	23
Total	1,044	1,169	1,381	3,594

Yearly breakdown

International, national and institutional collaboration by Kalasalingam University over time.

Metric: Scholarly Output ∨   Visualization: Stacked column chart ∨

Countries of International Collaborators and Publication Count

Kalasalingam Academy of Research and Education (KARE) has established strong global research linkages with leading universities and research institutions across multiple countries. The table below provides the approximate number of collaborative publications with each country during 2020–2024.

Publication Topics and Topic Clusters with international collaboration

Kalasalingam Academy of Research and Education (KARE) has actively collaborated with global researchers across diverse thematic areas. Publications from 2020–2024 show strong international co-authorship in several high-impact research clusters aligned with emerging scientific, societal, and technological priorities.

Relative Activity (Relative Activity Index – RAI)

The Relative Activity Index (RAI) measures the research focus of an institution on a specific Sustainable Development Goal (SDG) compared to the global research focus on the same SDG. It reflects whether an institution is producing *more*, *less*, or *equal* research intensity in an SDG relative to the worldwide research activity in that area.
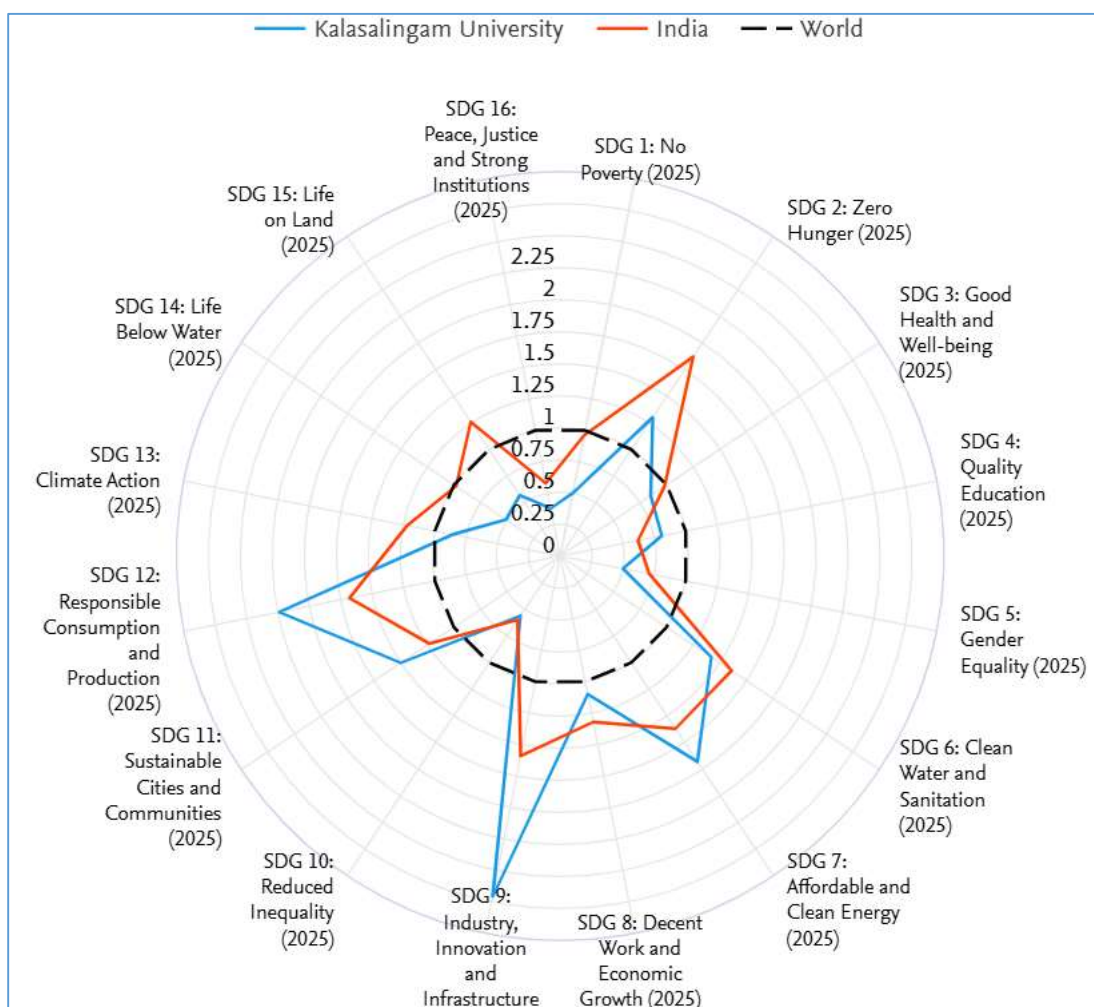
Top 10 Funding Bodies by Linked Publications

(Based on Authors Affiliated with Kalasalingam Academy of Research and Education – SciVal Methodology)

The "Funding Bodies by Linked Publications" metric identifies which national and international funding agencies have supported research carried out by authors affiliated with Kalasalingam Academy of Research and Education (KARE). SciVal calculates this by examining the acknowledgments section of Scopus-indexed publications where authors have explicitly credited funding support.

This analysis highlights the research visibility, funding diversity, and global engagement of KARE's research ecosystem.

Based on: 180 top-level Funding Bodies, 518 publications (14.4%) linked

Funding Body	Country/region	Linked Publications
Department of Science and Technology, Ministry of Science and Technology, India	India	100
King Saud University	Saudi Arabia	70
Ministry of Science and ICT, South Korea	South Korea	36
National Research Foundation of Korea	South Korea	36
Ministry of Education, India	India	35
Department of Biotechnology, Ministry of Science and Technology, India	India	28
UK Research and Innovation	United Kingdom	26
Council of Scientific and Industrial Research, India	India	23
National Research Centre	Egypt	23
King Mongkut's University of Technology North Bangkok	Thailand	22

KARE's Collaboration with International University/Institution (2023-2024)

During the academic year 2023–2024, Kalasalingam Academy of Research and Education (KARE) significantly strengthened its global presence through active collaborations with several international universities, research institutes, and global organizations. These partnerships aim to promote academic excellence, faculty development, student mobility, joint research, and global exposure aligned with international standards.

S.NO	Name of the institution/ industry/ corporate	Country	Year
1	Indiana University –kokomo, USA	USA	2023
2	CITY University of london	United Kingdom	2023
3	Tunghai University,	Taiwan	2023
4	INTI Internatioanl University& colleges	Malaysia	2023
5	UTAR (Universiti Tunku Abdul Rahman, Malaysia)	Malaysia	2023
6	University of North Carolina Wilmington (UNCW)	USA	2023
7	Infrastructure University , Kualalumpur	Malaysia	2023
8	Hutech university of technology	Vietnam	2023
9	National Chung Cheng university, (study abroad program Agreement)	Taiwan	2023
10	Adamson University	Philippines	2023
11	Biliran Provinance state University (BIPSU)	Philippines	2023
12	National Ilan University	Taiwan	2023
13	Skyline University College	Sharjah , UAE	2023
14	Ministry of Education and Ministry of Innovation and Technology (MIOT)	Ethiopia	2024
15	National Yunlin University of Science and Technology	Taiwan	2024
16	Universities Of west Indies	West Indies	2024
17	National United University	Taiwan	2024
18	Binghamton university	USA	2024
19	Northern Illinois University	USA	2024
20	Oakland University	USA	2024
21	Universutas Negeri Surabaya	Indonesia	2024
22	Tharaka University	Kenya	2024
23	Universitas Negeri Yogyakarta	Indonesia	2024

24	University of Santo Tomas	Philippines	2024
25	Taiwan education and cultural centre in india	Taiwan	2024
26	University of Cagliari	Italy	2024
27	Toledo University	USA	2024

MoU's signed between KARE & International Institutions

Kalasalingam Academy of Research and Education (KARE) has established strong global partnerships by signing Memoranda of Understanding (MoUs) with several renowned international universities, research institutes, and global organizations. These MoUs are aimed at enhancing academic excellence, promoting joint research, enabling student and faculty mobility, and fostering collaborative innovation.

S.No	Name	Country	Year
1	INTI Internatioanl University& colleges	Malaysia	2023
2	UTAR (Universiti Tunku Abdul Rahman, Malaysia)	Malaysia	2023
3	Infrastructure University , Kualalumpur	Malaysia	2023
4	Hutech university of technology	Vietnam	2023
5	National Chung Cheng university, (study abroad program Agreement)	Taiwan	2023
6	Adamson University	Philippines	2023
7	Biliran Provinance state University (BIPSU)	Philippines	2023
8	National Ilan University	Taiwan	2023
9	Skyline University College	Sharjah , UAE	2023
10	Ministry of Education and Ministry of Innovation and Technology (MIOT)	Ethiopia	2024
11	National Yunlin University of Science and Technology	Taiwan	2024
12	Universities Of west Indies	West Indies	2024
13	National United University	Taiwan	2024
14	Binghamton university	USA	2024
15	Northern Illinois University	USA	2024

International Faculties Visited KARE (23-24)

During the academic year 2023–2024, Kalasalingam Academy of Research and Education (KARE) welcomed several international faculty members from globally reputed universities and research institutions. Their visits strengthened academic collaboration, enriched student learning, and supported the university's vision of global engagement.

S.NO	Faculty Name	Home University	Country	year
1	Prof.Dipanjan Basu	Waterloo University	Canada	2023
2	Dr. Razana Juhaida Johari	Universiti Teknologi MARA	Malaysia	2023
3	Dr. William Oakes	University of Purdue	USA	2023
4	Dr.Johanita Anggia Rini	University of Islam	Indonesia	2023
5	Prof.Robbi Maghzaya	University of Islam	Indonesia	2023

6	Dr.Michael Wilhelm, Ed	University of North Carolina Wilmington	USA	2023
7	Dr. Nivine Richie	University of North Carolina Wilmington	USA	2023
8	Dr yang yo-lun	National Taipei university	Taiwan	2023
9	Prof Dr Ing. Klaus Mecking	Westphalian University of Applied Sciences	Germany	2023
10	Mr. Hareesh	Texsas Instrument	USA	2023
11	Dr. Jeba	IUKL	Malaysia	2024
12	Dr. Purushothaman Damodaran	Northern Illinois University	USA	2024
13	Dr. Sanjeev Khanna	University of Missouri	USA	2024
14	Dr. William Oakes	University of Purdue	USA	2024
15	Dr. Krishnaswami Srihari	Binghamton University	USA	2024
16	Dr Peter Lindgren	CTIF Global Capsule	Denmark	2024
17	Dr Ahamad Y Javaid	Toledo University	USA	2024
18	Dr Sangwon Yoon	SUNY Binghamton	USA	2024
19	Dr Rakocevic , Veselin	CITY , University of London	UK	2024
20	Dr Rajarajan	CITY , University of London	UK	2024
21	Dr. Chang Yoong Choon	UTAR,	Malaysia	2024
22	Dr Shahira	Jozan University	Kingdom of Saudi Arabia	2024
23	Dr Ahamad Y Javaid	Toledo University	USA	2024
24	Dr Vijayan Sugumaran	Oakland University	USA	2024

KARE students in Semester Exchange / Internship / 2+2 Program at Foreign Universities

Kalasalingam Academy of Research and Education (KARE) actively encourages global learning through its international mobility initiatives, enabling students to gain academic, research, and cultural exposure in reputed foreign universities. Through structured Semester Exchange Programs, International Internships, and the 2+2 Dual Degree Program, KARE students continue to participate in transformative global education experiences.

Sno	Name	Register No	Year	Abroad University	Country
1	Bandi lakshmi Indra sena Reddy	9921004070	2023 (semester programme)	Asia University	Taiwan

2	Konduju Gunasri	9921004356	2023 (semester programme)	Asia University	Taiwan
3	Kathula Hareesh	9921004332	2023 (semester programme)	Asia University	Taiwan
4	Maram Nikhil	9920009035	2023 (semester programme)	Asia University	Taiwan
5	Valaboju Naveen Chary	9920009059	2023 (semester programme)	Asia University	Taiwan
6	Veerni Mohan sri Nagendra Vara Kumar	9920009048	2023 (semester programme)	Asia University	Taiwan
7	Kasi Viswanath Nilla	9920004220	2023(Globalink Research Internship)	Mitacs	Canada
8	Jyothi Sri	99210041305	2023 (2+2 programe)	Toledo university	USA
9	Syamsundar	9921004489	2023 (2+2 programe)	Toledo university	USA
10	Uma Maheswar	9921004436	2023 (2+2 programe)	Toledo university	USA
11	Karanam Sai Sharvan	99210041052	2023 (2+2 programe)	Toledo university	USA
12	Lakshmi Venkat	99210041112	2023 (2+2 programe)	Toledo university	USA
13	Varshita	9921004362	2023 (2+2 programe)	Toledo university	USA
14	Valamudi Venkata Naveen	9920004731	2023 (semester programe)	Tamkang university	Taiwan
15	Raghuram Sankar	9920002003	2023 (Internship)	National Ilan University	Taiwan
16	Pardhiv Manikanda sai iprinki	9921005163	2023 (semester programe)	National Dong Hwa University	Taiwan
17	Niraj Rambhau Sumatkar	9920002010	2023 (Internship)	National Ilan University	Taiwan
18	K Tejonath Reddy	9920004714	2023 Internship (iipp)	Asia University	Taiwan
19	Shamuruthi	9920004124	2023 Internship (iipp)	Chaoyang University of Technology	Taiwan
20	Batchu Shyam kumar	99200044773	2023 Internship (iipp)	Chaoyang University of Technology	Taiwan

21	Tavva Amruth Chenchu Rajesh	9920004133	2023 Internship (iipp)	Chaoyang University of Technology	Taiwan
22	Ahmad Mohiuddin	9920004716	2023 Semester Exchange	Kanazawa University	Japan
23	Alan John	9922150010	2023 (1+1 Programe)	Indiana University	USA
24	Devarapelly Aniruth Reddy	9921004169	2023-2024 INTERNSHIP (IIPP)	National Yun Lin university of Science and Technology	Taiwan
25	Jibran Gulzar	9920004670	2023 Internship	Universitas Indonesia	Indonesia
26	Narisetty Sanjay	9921004940	2024 (2+2 programe)	Toledo University	USA
27	Chekka Sai Krishna	9921004132	2024 (2+2 programe)	Toledo University	USA
28	Unnam Nawya	9921004735	2024 (2+2 programe)	Toledo University	USA
29	Bandaru Sathwika Raj	9921004066	2024 Semester Exchange programe	Cracow University	Poland
30	Bhandhewar Spandhana	9921004087	2024 Semester Exchange programe	Cracow University	Poland
31	Ram Charan Golla	9921004226	2024 Semester Exchange programe	Cracow University	Poland
32	Sheik Abdul Rahuman	9922008260	2024 Semester Exchange programe	UTAR	Malaysia

International Experts Visited KARE

During the academic year 2023–2024, Kalasalingam Academy of Research and Education (KARE) hosted several international experts, including professors, researchers, industry professionals, and innovation leaders. Their visits contributed to collaborative research, curriculum enhancement, faculty development, and global networking. These visits strengthened KARE's internationalization efforts and enriched students' exposure to global knowledge systems.

One credit course by International Expert in KARE campus

KARE Faculties participating International Conferences at Foreign Universities

Kalasalingam Academy of Research and Education (KARE) actively promotes global academic engagement by encouraging its faculty members to participate in international conferences, symposiums, workshops, and academic forums hosted by reputed foreign universities and research institutes. These international participations strengthen KARE's academic footprint, enhance collaborative research opportunities, and foster global networking.

Sample Report 1:

Report on the attending the International Conference on Innovation, Sustainability and Applied Sciences (ICISAS 2023), Organized by Curtin University Dubai, Dubai International Academic City, UAE, 9-10 December 2023

Paper Title: Estimation of Bone Degeneration and Porosity Using T-Score from DXA Images for Osteoporotic Patient Classification and Therapy Ideation

Authors: Kottaimalai Ramaraj, Pallikonda Rajasekaran Murugan, Vishnuvarthanan Govindaraj, Arunprasath Thiyagarajan, Sheik Abdullah S, Rajesh K

Date of the Presentation: 10.12.2023 – AN session – 2.00 pm to 3.30 pm

We showcased a research outcome from our DST-funded project titled "Non-invasive Sonometer along with clinically practiced DEXA images for estimating bone mineral density for Osteoporosis detection in elderly women" with DST Reference Number: DST/TDP/BDTD/28/2021(G).

Dr. S. Kottaimalai, our Research Associate and current faculty member at Kalasalingam Academy of Research and Education, delivered a paper titled "Estimation of Bone Degeneration and Porosity Using T-Score from DXA Images for Osteoporotic Patient Classification and Therapy Ideation" at the conference. The presentation received acclaim from experts and was honored with the Best Presenter Award.
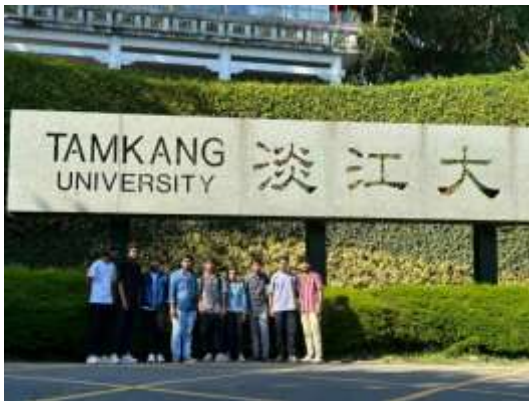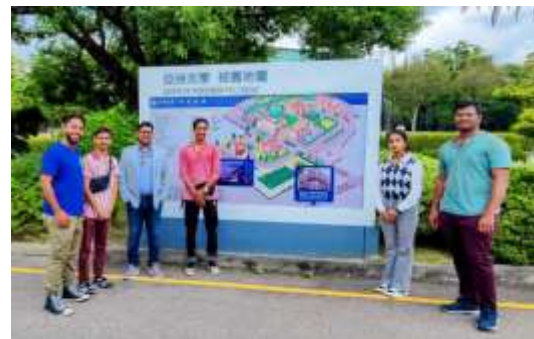
KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A++" Grade

Curtin University
Dubai

Springer   Taylor & Francis   MDPI   Scientific.Net

INTERNATIONAL CONFERENCE ON INNOVATION, SUSTAINABILITY AND APPLIED SCIENCES (ICISAS 2023)

09 -10 DECEMBER 2023

Best Presenter Award

This certificate is proudly presented to

Prof/Dr/Ms/Mr   Kottaimalai Ramaraj

of   Kalasalingam Academy Of Research and Education.

for securing the **BEST PRESENTER AWARD** for the paper titled

"Estimation Of Bone Degeneration and Porosity Using T-score from DXA Images for Osteoporotic Patient Classification and Therapy Ideation"

in the conference.

PROFESSOR JOHN EVANS
Pro Vice-Chancellor and Academic President,
Curtin University Dubai

PROFESSOR CHITHIRAI PON SELVAN
Conference Chair | ICISAS 2023

Certificate received for Best Presenter Award during the conference

Curtin University

INTERNATIONAL CONFERENCE ON INNOVATION,
SUSTAINABILITY AND APPLIED SCIENCES
(ICISAS 2023)

BEST PRESENTER AWARD

09-10 December 2023

Shield received for Best Presenter Award during the conference

Curtin University Dubai

Springer · Taylor & Francis · MDPI · Scientific.Net

INTERNATIONAL CONFERENCE ON INNOVATION, SUSTAINABILITY AND APPLIED SCIENCES (ICISAS 2023)

09 –10 DECEMBER 2023

Certificate of Presentation

This is to certify that **Pallikonda Rajasekaran Murugan**

of   Kalasalingam Academy of Research and Education, India

presented the paper titled   "Estimation of Bone Degeneration and Porosity Using T-Score from DXA Images for Osteoporotic Patient Classification and Therapy Ideation"   in the conference.

PROFESSOR JOHN EVANS
Pro Vice-Chancellor and Academic President,
Curtin University Dubai

PROFESSOR CHITHRAI PON SELVAN
Conference Chair | ICISAS 2023

Curtin University Dubai

Springer · Taylor & Francis · MDPI · Scientific.Net

INTERNATIONAL CONFERENCE ON INNOVATION, SUSTAINABILITY AND APPLIED SCIENCES (ICISAS 2023)

09 –10 DECEMBER 2023

Certificate of Presentation

This is to certify that **Arunprasath Thiyagarajan**

of   Kalasalingam Academy of Research and Education, India

presented the paper titled   "Estimation of Bone Degeneration and Porosity Using T-Score from DXA Images for Osteoporotic Patient Classification and Therapy Ideation"   in the conference.

PROFESSOR JOHN EVANS
Pro Vice-Chancellor and Academic President,
Curtin University Dubai

PROFESSOR CHITHRAI PON SELVAN
Conference Chair | ICISAS 2023

KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A++" Grade

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Curtin University Dubai

Springer   Taylor & Francis   MDPI   Scientific.Net

INTERNATIONAL CONFERENCE ON INNOVATION, SUSTAINABILITY AND APPLIED SCIENCES (ICISAS 2023)

09 - 10 DECEMBER 2023

Certificate of Presentation

This is to certify that **Sheik Abdullah S**

of   Kalasalingam Academy of Research and Education, India

presented the paper titled   "Estimation of Bone Degeneration and Porosity Using T-Score from DXA Images for

Osteoporotic Patient Classification and Therapy Ideation"

in the conference.

PROFESSOR JOHN EVANS
Pro Vice-Chancellor and Academic President,
Curtin University Dubai

PROFESSOR CHITHRAI PON SELVAN
Conference Chair | ICISAS 2023

Curtin University Dubai

Springer   Taylor & Francis   MDPI   Scientific.Net

INTERNATIONAL CONFERENCE ON INNOVATION, SUSTAINABILITY AND APPLIED SCIENCES (ICISAS 2023)

09 - 10 DECEMBER 2023

Certificate of Presentation

This is to certify that **Rajesh K**

of   Kalasalingam Academy of Research and Education, India

presented the paper titled   "Estimation of Bone Degeneration and Porosity Using T-Score from DXA Images for

Osteoporotic Patient Classification and Therapy Ideation"

in the conference.

PROFESSOR JOHN EVANS
Pro Vice-Chancellor and Academic President,
Curtin University Dubai

PROFESSOR CHITHRAI PON SELVAN
Conference Chair | ICISAS 2023

Report on participation in the International Conference on Advanced Technology (ICAT 2024), focusing on the theme "Applications of AI and Cyber Solutions for Sustainability in Engineering and Healthcare," hosted by the National University of Science and Technology, Sultanate of Oman, from April 30th to May 1st, 2024.

During ICAT 2024, Dr. M. Pallikonda Rajasekaran, Professor & Director of R&D at Kalasalingam Academy of Research and Education, served as a session chair.

The conference featured the presentation of six research papers authored by different individuals:

Paper Title 1: "Innovative Smart Power-Sharing System Prototype Using Wireless Networks and Green Energy for Dormant Domestic Consumers"

Authors: Rajesh Krishnasamy, Pallikonda Rajasekaran Murugan, Kottaimalai Ramaraj, Arunprasath Thiyagarajan, Vishnuvarthanan Govindaraj, Muthangi Kantha Reddy, and Jenitha Rajadurai

Paper Title 2: "Machine Learning Techniques for Identification and Classification of Medicinal Plants: A Performance Comparison"

Authors: Ramalakshmi R, Kottaimalai Ramaraj, Amarapuram Abhinav, Kanumuri Chandini, Pothanaboina Shanmuki, and Siddharth Reddy M

Paper Title 3: "Smart Environmental Water Monitoring and Assessment Technologies using IoT"

Authors: Perumal B, Pallikonda Rajasekaran Murugan, Kottaimalai Ramaraj, Arunprasath Thiyagarajan, and Muthangi Kantha Reddy

Paper Title 4: "A Comparative Study Analysis of AI Algorithm Approaches for Diagnosing Autism Spectrum Disorder Using Structural MRI Data"

Authors: Krishnamoorthy V, Arunprasath Thiyagarajan, Pallikonda Rajasekaran Murugan, Kottaimalai Ramaraj, Vishnuvarthanan Govindaraj, and Muthangi Kantha Reddy

Paper Title 5: "Weighted Fuzzy C-means and Artificial Bee Colony Optimization for segmenting low reduced BMD region in DEXA images for earlier identification of Osteoporosis"

Authors: Kottaimalai Ramaraj, Pallikonda Rajasekaran Murugan, Arunprasath Thiyagarajan, Vishnuvarthanan Govindaraj, and Muthangi Kantha Reddy

Paper Title 6: "Reduction of Noise in Multimodal Brain Images Using Adaptive Filtering Techniques"

Authors: Thenmoezhi N, Perumal B, Lakshmi A, Pallikonda Rajasekaran Murugan, Kottaimalai Ramaraj, Arunprasath Thiyagarajan, and Muthangi Kantha Reddy

The presentations were scheduled as follows:

Date: April 30th, 2024

FN Session: 11:00 am – 12:30 pm (2 Papers)

AN Session: 2:00 pm – 5:30 pm (2 Papers)

Date: May 1st, 2024

FN Session: 11:00 am – 12:30 pm (1 Paper)

AN Session: 2:00 pm – 4:30 pm (1 Paper)

Dr.M.Pallikonda Rajasekaran, Director R&D acted as a Session Chair paper during the conference ICAT 2024

Dr.R.Kottaimalai, Associate Professor, ECE, Presented the paper during the conference ICAT 2024

Dr.K.Rajesh, Associate Professor, ECE, Presented the paper during the conference ICAT 2024

Dr.T.Arunprasath, Associate Professor & Head, BME, Presented the paper during the conference ICAT 2024

Dr.B.Perumal, Associate Professor/ECE, Presented the paper during the conference ICAT 2024

Throughout the conference, we engaged with numerous professors and industry professionals, exploring potential collaborative opportunities. Below are the details for your reference.

S.No	Name of the Professor	Name of the University/Country	Discission related to collaboration
1.	Dr Sundaravadivazhagn Balasubaramanian,	UTAS, Oman	Expert in cyber-Security – Invited him for our conference
2.	Dr Muhammad Attique Khan	HITEC, Pakistan	-
3.	Prof. Shantha Kumari	SRM University, India	Discussed with them regarding MoU with their institution
4.	Dr Senthil Ramadoss	Majan College of Engineering, Oman	
5.	Dr Muthukumar Ka	Keio University, Japan	
6.	Prof Kamran	Shiraz University Technology, Iran	
7.	Prof Dr T Sasilatha	AMET University, India	Expert in Networking – Invited for our conference
8.	Prof Dr. Chithirai Pon Selvan	Curtin University, Dubai	Invited for our Conference in August, 2024
9.	Mr. Khalid Said Al-Wahaibi	Vice President QHSSE OQGN, Oman	Invited for our Conference in August, 2024
10.	Dr Nasser Mohammed Al-Fannah	Director of Technology Programs, Ministry of Transport, Communications and Information Technology, Sultanate of Oman	Invited for our Conference in August, 2024

KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
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الـجامـعـة الوطنيـة
National University
Science & Technology
Sultanate of Oman

1st International Conference on Advanced Technology - (ICAT 2024)

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr. Kottaimalai Ramaraj

Kalasalingam Academy of Research and Education, India.

has actively participated and presented the paper titled:

Machine Learning Techniques for Identification and Classification of Medicinal Plants: A Performance Comparison

in the conference organized by the National University of Science and Technology, Oman on 30th April - May 1st 2024.

Dr. Ali Al Bimani
Vice-Chancellor

Dr. Suresh Manic
Conference Convener [ICAT 2024]

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