

THE - Impact Rankings 2025



# Ensure healthy lives and promote well-being for all at all ages

## 3.3.1 Collaboration with Health Institutions

Our university students are engaged in hands-on internships at the following hospitals, which provide them with real-world clinical experience and the opportunity to apply their classroom learning to practical scenarios.

Our faculty members are actively collaborating with doctors, specialists, and researchers at our partner hospitals to advance medical knowledge and contribute to the growing body of healthcare research. These partnerships are mainly in the areas including Joint Research Initiatives, Publication of Research Papers, Grant Proposals and Research Funding.

S.N o.	Name of the Collaborating Health Institutions	Address	Contact Details	Nature of Collaboration
1	Pirogov Russian National Research Medical University	Moscow Russia   +79851600021		Internship, Research
2	Pushchino State Institute of Natural Sciences	142290, MoscowPermyakov Evgeny Anatolyevichregion, Pushchinopriem.kom@pushgu.ru, Nauki Avenue,+7 (496) 773-25-38Building 3https://pushgu.ru/		Internship, Research
3	Amar Seva SangamSulochana Gardens, Tenkasi Road, Ayikudy-627852, Tenkasi District, Tamil Nadu, India.Mr Sankar mail@amarseva.org 04633 249170 https://amarseva.org/		mail@amarseva.org 04633 249170	Internship, Research on Rehabilitation



4	Vel Hospital	91, Nadaga Salai St, Mangapuram, Srivilliputhur – 626125 Tamil Nadu, India.	Dr M. Thirumurugan, M.S (Ortho)	Internship, Research
5	Preethi Endocrine Clinic	New LIG Colony, Anna Nagar, Madurai	DR. S. SRIDHAR, MBBS, MD, DM (Endocrinology) drsridharjipmer@gmail.com	Academics
6	Neurofoundation Hospital	Pallapatti, Salem, Tamil Nadu, India.	Dr Natanasabapathy M.B,B.S M.S. Ortho Senior consultant Department of Orthopedics, drtnsortho@gmail.com	Internship, Research
7	Kurinji Hospital	Teejay Road, Five Roads, Salem, Tamil Nadu, India.	DR. T. JAYARAMAN, MBBS, MS(ORTHO) kurinjihospital@yahoo.co.in	Internship, Research
8	RK Orthoplus	259, Advaitha Ashram Road, Sinthampalayam, Fairlands, Salem, Tamil Nadu, India.	DR. RADHAKRISHNAN, MBBS, MS. ORTHO orthoplus@gmail.com	Research, Academics
9	London Ortho Specialist Hospital	55, Rathinasamypuram, Omalur Main Road, Rathinasamypuram, Peramanur, Salem, Tamil Nadu, India.	DR. C. SUGAVANAM, MBBS, MS, DNB, MNAMS, FRCS londonorthosh@gmail.com	Research, Academics
10	Bone & Joint Clinic	Kaliappa Nagar, Sivakasi, Tamil Nadu	Dr S Ambalatharasan MBBS., D Ortho., DNB Ortho Dr A Abinavraj MS (Ortho) abinavraj.95@gmail.com 9443382215	Research, Academics
11	Government Sivagangai Medical College and Hospital.	Sivagangai	Dr.A.Stanish Pal Maskie MS (Ortho).,DA. Senior Resident, drstanishortho@gmail.com	Research, Academics





12	SRM Medical College Hospital and Research Centre	SRM Nagar Potheri, Chengalpattu Tamil Nadu	Dr. N. Jambu MS (Ortho), FRCS (Glasgow), FACS (Ortho), FIEAA hod.ortho.ktr@srmist.edu.in	Internship, Research, Academics
13	Government Hospital Virudhunagar	Virudhunagar, Tamil Nadu	Dr Deepan Ramkumar, D.Ortho <u>dheepansunjan@gmail.com</u> 9487120620	Research, Academics
14	Government Registered Siddha Medicine Practitioner	Nagercoil, Tamilnadu.	Dr Lilly Shekenah B B.S.,M.S.,M.D. (Siddha) lillyshekenahsiddha@gmail.com	Research, Academics
15	Government Hospital Srivilliputtur	Srivilliputtur, Tamilnadu	Dr M. Suresh, M.S. Ortho <u>qurich21@gmail.com</u> 9840978848	Research, Academics
16	Government Hospital Srivilliputtur	Srivilliputtur, Tamilnadu	Dr. M. P. Vinodh Madusudhanan, B.D.S 9940766114	Research, Academics
17	Tamil Nadu Government Multi Super Speciality Hospital	Omandurar Estate, Chennai, Tamilnadu	Dr. R. Sayee Venkatesh MBBS., MD (General Medicine)., DM (Cardio) <u>sayee1986@gmail.com</u> 7904528720	Research, Academics
18	Santhigiri Ayurveda Medical College	Olassery, Kodumba, Palakkad, Kerala	Dr. Suchith Associate Professor <u>dr.suchith@gmail.com</u>	Research, Academics
19	Muthu Hospital	Madurai	Dr. Mithran drmithran@gmail.com +91 98 94 782428	Research, Academics
20	Rajagiri Hospital	Ernakulam, Kochi	Dr. Ansu ansu.alex@rajagirihospital.com	Internship, Research, Academics
21	Govt Dental college	Kozhikode, Kerala 673010	Dr. T. V. Anupam Kumar Prof and head, Department of Pediatric and Preventive Dentistry, dentanupam@yahoo.com	Research, Academics
22	R.S.Ortho Hospital	Kamaraj Nagar, Rajapalayam	Dr. R.S. Ravichandran MS Ortho	Research, Academics





			rsorthohospital@gmail.com	
			9443231405	
			Dr. K. P. Saravanakumar	Internship,
23	Guru Hospital	Madurai	drkps74@yahoo.com	Research,
			9443474043	Academics
24	Roja Physiotheraphy Clinic	Srivilliputtur	Dr. I. Raja B.P.T., M.I.A.P., Senior Physiotherapist mail2rojaphysio@gmail.com 9486358562	Research, Academics
25	Sri Sarada Ayurvedic Hospital	Nedumangad Hwy , Kanyakumari Dist , Derisanamcope nagercoil, Azhagiapandipuram, Tamil Nadu 629851	Dr.Y.Mahadeva Iyer +91 4652 282239 / 282449	Research, Academics
	Sakthibala Hospital	Rajapalayam	Dr. S. Balasubramanian	Internship,
26			M. S. Ortho	Research,
20			<u>spinebala@gmail.com</u> 9843149953	Academics
	Kalasalingam	Krishnankoil	Dr. Atharsh Chander	Internship,
27	Medical College &	KIISIIIAIIKOII	D Ortho., DNB Ortho	Research,
	Hospital		adhrithhospital@gmail.com	Academics
28	Govt Hospital	Sattankulam, Tamilnadu	Dr S Jefferson Samuel James jeffertvmc@gmail.com 9790475750	Research, Academics
	Charan		Dr Elango MS (Ortho)	Research,
29	orthopaedic Hospital	Virudhunagar	drelango67@yahoo.co.in	Academics
30	Govt Rajiv Gandhi Hospital	Chennai, Tamilnadu	Dr. S. Anbazhagan BSc D Ortho MS (ortho) Rtd Director of Institute of Orthopaedics sunderrajananbazhagan@gmail. com	
31	Government Thoothukudi Medical College	Thoothukudi, Tamilnadu	Dr. Vijaya Soruban, M.S.Ortho Assistant Professor of Resear Orthopaedia Acaden Phone: 7395963395	





			email: sainikrooban@gmail.com	
32	Govt Royapettai Hospital	Chennai, Tamilnadu	Dr. R. Balachandar MS (Ortho) drrbcortho@yahoo.co.in	Research, Academics
33	Sayee Heart Clinic	Dr. R. Sayee Vengatesh, M.B.B.S.,M.D.(General111, Swamy NaickenMedicine), D.M.(Cardio)St, Chintadripet, Chennai, Tamil NaduAssistant professorChennai, Tamil Nadu 600002Department of cardiology600002Tamilnadu multi super speciality hospital sayee1986@gmail.com		Internship, Research, Academics
34	Mithra Multi Speciality Hospital	22, Sivagangai Main Rd, near Anna Bus stand, Gandhi Nagar, Shenoy Nagar, Sathamangalam, Madurai, Tamil Nadu 625020	Dr. Manoj Kumar Physician / Endocrinology Mr Arun (HR) 9894193154	Internship, Research, Academics
35	Vikram Multi Speciality Hospital	3/424, Sivagangai Main Rd, near Pandi Kovil, Madurai, Tamil Nadu 625020	n Rd, near Pandi I, Madurai, 7708107632	
36	Madurai City Hospital	ty W4GV+P9W, Sivaganga Rd, near Milk Depot, Managiri, Madurai, Tamil Nadu 625020		Internship, Research, Academics

ASAL

**EMY OF RESEARCH AND EDU** 

NG/

MoU between Arulmigu Kalasalingam College of Pharmacy and Kalasalingam Medical College and Hospital:

https://drive.google.com/file/d/1Vf92u1vr71guo5aLtpea7Km\_5oAbetFk/view?usp=drive\_link



#### Research Publications which includes medical practitioners as co-authors:

Following are the few list of publications made my our University faculties co-authored with Dr.M. Thirumurugan, M.S (Ortho), Assistant Surgeon, Government Hospital, Rajapalayam, Tamilnadu, India.

Vel Hospital, No. 91, Nadaga Salai St, Mangapuram, Srivilliputhur – 626125

 Ramaraj, K., Amiya, G., Rajasekaran, M.P., Govindaraj, V., Vasudevan, M., Thirumurugan, M., Zhang, Y.D., Abdullah, S.S. and Thiyagarajan, A., 2023. A robust multi-utility neural network technique integrated with discriminators for bone health decisioning to facilitate clinical-driven processes. *Research on Biomedical Engineering*, pp.1-19. (Scopus)

SPRINGER NATURE Link	음 Account
Find a journal Publish with us Track your research Q Search	بې Cart
Home > Research on Biomedical Engineering > Article A robust multi-utility neural network technique integrated with discriminators for bone health decisioning to facilitate clinical-driven processes	Research on Biomedical Engineering
Original Article   Published: 24 January 202? Volume 39, pages 139–157, (2023) <u>Cite thi</u> Consultant Orthopaedic Surgeon, MGR Medical University, Chennai India You can also search fo DubMod /	$\frac{y_{Pe}}{uscript} \rightarrow$
Kottaimalai Ramaraj 🔄, Gautam Ami Govindaraj, Muneeswaran Vasudevan, M. Thirumurugan, Yu-Dong Zhang, S. Sheik Abdullah &	Access this article
Arunprasath Thiyagarajan	Log in via an institution $\rightarrow$
<b>b</b> 80 Accesses $l_{1}$ 9 Citations Explore all metrics $\rightarrow$	Buuartiele BBE 20 OF 6

 Ramaraj, K., Murugan, P.R., Amiya, G., Govindaraj, V., Vasudevan, M., Thirumurugan, M., Zhang, Y., Abdullah, S.S. and Thiyagarajan, A., 2023. Emphatic information on bone mineral loss using quantitative ultrasound sonometer for expeditious prediction of osteoporosis. *Scientific reports*, 13(1), p.19407. (IF: 4.6) (SCI)



scientific reports	View all journals	Q Search	👌 Account 🗸
Explore content Y About the journal Y Publish with us Y		Sign up for ale	rts 🗘 RSS feed
nature > scientific reports > articles > article			
Article Open access Published: 08 Nevember 2022	Download PDF	:	Ŧ
Emphatic info       M. Thirumurugan       ×         quantitative u       MGR Medical University, Chennai, Tamilnadu, India       ×	Sections	Figures	References
prediction of View author publications You can also search for this author in PubMed Google Scholar	Abstract	5	
Kottaimalai Ramaraj, Pallik	Introduction		
Muneeswaran Vasudevan, M. Thirumurugan, Yudong Zhang 🖾, <u>S. Sheik Abdullah</u> & <u>Arunprasath</u>	<u>Results</u>		
Thiyagarajan	Discussion		
Scientific Reports 13, Article number: 19407 (2023) Cite this article	Materials and m	<u>ethods</u>	
1734 Accesses 6 Citations Metrics	Summarization of	of the contribution	ons made in the p
Abstract	<b>Conclusion</b>		

- Amiya, G., Murugan, P.R., Ramaraj, K., Govindaraj, V., Vasudevan, M., Thirumurugan, M., Abdullah, S.S. and Thiyagarajan, A., 2024. LMGU-NET: methodological intervention for prediction of bone health for clinical recommendations. *The Journal of Supercomputing*, pp.1-28. (IF: 2.557) (SCI)
- Ramaraj, K., Murugan, P.R., Amiya, G., Govindaraj, V., Vasudevan, M., Thirumurugan, Y.D.Z., Abdullah, S. and Thiyagarajan, A., 2024. Blockchain Associated Machine learning approach for earlier prognosis and preclusion of Osteoporosis in elderly. *Exploration of Artificial Intelligence and Blockchain Technology in Smart and Secure Healthcare*, p.1. (Scopus)
- Amiya, G., Murugan, P.R., Ramaraj, K., Govindaraj, V., Vasudevan, M., Thirumurugan, M., Zhang, Y.D., Abdullah, S.S. and Thiyagarajan, A., 2024. Expeditious detection and segmentation of bone mass variation in DEXA images using the hybrid GLCM-AlexNet approach. *Soft Computing*, pp.1-14. (IF: 3.732) (SCI)

Similarly, we are collaborating with numerous clinicians and the outcomes of the collaboration is depicted as publications or research proposals.



Harini, L., Srivastava, S., Gnanakumar, G.P., Karthikeyan, B., Ross, C., Krishnakumar, V., Kannan, V.R., Sundar, K. and Kathiresan, T., 2019. An ingenious non-spherical mesoporous silica nanoparticle cargo with curcumin induces mitochondria-mediated apoptosis in breast cancer (MCF-7) cells. *Oncotarget*, *10*(11), p.1193.

Oncotarget	99 Cite		
<ul> <li>Oncotarget. 2019 Feb 5;10(11):1193–1208. doi: <u>10.18632/oncotarget.26623</u> 23</li> </ul>	☐ Collections		
An ingenious non-spherical mesoporous silica nanoparticle cargo with	< Permalink		
curcumin induces mitochondria-mediated apoptosis in breast cancer (MCF-7) cells	RESOURCES		
akshminarasimhan Harini <sup>1</sup> Sweta Srivastava <sup>2</sup> George Peter Gnanakumar <sup>3</sup> , Bose Karthikeyan <sup>1,4</sup> , Cecil Ross <sup>5</sup> ,	Similar articles	+	
/aithilingam Krishnakumar <sup>6</sup> , <u>Velu Rajesh Kannan <sup>6</sup>, Krishnan Sunda</u> r <sup>1,7</sup> , <u>Thandavarayan Kathiresan</u> <sup>1,7</sup>	Cited by other articles	+	
<ul> <li>Author information          <ul> <li>Article notes</li> <li>Copyright and License information</li> </ul> </li> <li>Department of Biotechnology, Kalasalingam University, Krishnankoil, Tamil Nadu, India</li> </ul>	Links to NCBI Databases	+	
Department of Translation Medicine, St. Johns National Academy of Health Sciences, Bangalore, Karnataka, ndia	ON THIS PAGE		
School of Physical Chemistry, Madurai Kamaraj University, Madurai, Tamil Nadu, India Oregon Health and Science University, Knight Cardiovascular Institute (KCVI), Portland, Oregon, USA Department of Medicine, St. Johns National Academy of Health Sciences, Bangalore, Karnataka, India Department of Microbiology, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India	Abstract INTRODUCTION RESULTS		
	DISCUSSION		

## Healthcare Sectors Providing Datasets for Research Purpose

The following are the hospitals, laboratories, diagnostic scan centers who are assisting in obtaining the healthcare data

- 1. Tamil Nadu Government Multi Super Speciality Hospital, Omandurar Estate, Chennai, Tamilnadu. – Osteoporosis DEXA images
- 2. KG Scans, Madurai Brain tumor, Aneurysm, Kidney stone and etc.
- 3. Anderson Labs, Chennai Alzheimer, Brain tumor and etc.

And few more laboratories and hospitals are associated.



Health infrastructure facilities for students, academics and administrative staffs' wellbeing inside the campus:



Kalasalingam Medical College and Hospital

**Description:** The institution (Kalasalingam Academy of Research and Education) has a separate Medical College and Hospital which providing free treatment and medicines to the public, students, and faculty is a remarkable initiative. This type of community-centered approach not only enhances access to healthcare but also underscores the role that educational institutions can play in improving public health and social welfare.

#### Kalasalingam Medical College and Hospital:

https://drive.google.com/drive/folders/16cqA5IGzYadP3sdHjmr2JT2OmcNrXXxO?usp=drive\_link

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 (KMCH) provides 24x7 medical service to the University and to the public.



- In hostel premises, the student can meet the counselors (medical professionals attached with our KMCH) at any time, who are staying inside the hostel.
- Students can reach their Faculty Advisors (mentors) at any time (within 5 minutes) for any assistance. Through them, they can reach the professional within 20 minutes. Ambulance service is available for any emergency need, 24x7.
- Average waiting time (in days) for students to get an appointment with a health professional 0 days.
- Doctor's availability: 24 x 7

**Free Medical checkup:** KARE provides free medical checkup and facilities for all KARE faculty and staff members and their family members.

#### Circular related to free consultation:

	ACADEMY OF RESEAR nd Nagar: Krishnankoil	
No.KLU/Reg/Circular/75/2022/54	4 <u>CIRCULAR</u>	Date: 02.05.2022
OLD K.I.T block. Specialized Pediatrics, General surgery and	doctors to treat Orth Dental are available of	al hospital currently functions at the no, Gynecology, General medicine, n duty. We request all students and es and your family members as and
Mandatory rules to be followed	while visiting the Hosp	ital Block.
<ul> <li>Maintain social distance and</li> <li>A sick person can be accomp</li> <li>Use of mobile phones inside</li> <li>Video recording of the treatm</li> <li>Student's and staff taking me</li> <li>Wearing a mask is mandator</li> <li>Following a decent Dress code</li> </ul>	banied only by one con the hospital is strictly ment is prohibited. edical facilities in the h ry to be permitted insid	npanion. prohibited. pospital must display the ID cards.
Copy submitted to Chancellor, Vice	Presidents - for kind inf	ormation
Copy submitted to the Vice Chance	ellor – for kind informatio	
CC to: Office, Finance Officer, Adm Library, Physical Education,	nin Officer, Purchase Offi	cer, Store Officer, Estate Officer,

https://drive.google.com/file/d/1GpP4O3IkgG05mNsR-WdMM0ENxJ94tfev/view?usp=drive\_link



#### **Medical Awareness Camps**

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

https://docs.google.com/document/d/1VfbhlfprSBLZTP79w5PLYM15lk2Tz\_68/edit?usp=drive\_link&ouid =113938024005760959391&rtpof=true&sd=true

**Ambulance**: An ambulance is available for the transportation of the injured persons at KARE for 24x7 . KARE provides free health checkup for public, all faculties and students.

#### **Doctors ID card (Sample):**

https://drive.google.com/file/d/16OHHeK\_k4N2ljI2UgVTt3rH-pZmT4x7V/view?usp=drive\_link

#### Facilities for disabilities:

https://drive.google.com/drive/folders/1XMeAt8PdMVT0HSUaJY3bc-XJ1ekCHy-z?usp=drive\_link https://drive.google.com/drive/folders/16cn9zt\_IA9ORvN-1NEs-1eTAv1CLrmnk?usp=drive\_link



Ambulance Facility





Safe Assembly Area

First aid kits:





First aid kits are available in all the department HoD room, staff rooms and in all laboratories for the utilization of both students and faculties.

**Disaster Kits**: Disaster kits are available in designated buildings on the Campus to be used in case of disasters.

CCTV: <u>https://drive.google.com/drive/folders/1C7VA3a1ZrVIdSIHKANpk7-</u> <u>4rjxRJ0F3V?usp=drive\_link</u>

### Fire extinguisher and hydrant:

https://drive.google.com/drive/folders/1rixmiPRJCNMpH417pbJFJ6dOqUsbpoQj?usp=drive\_link Fire Hydrant is fixed in all building for protecting from any fire accidents or natural disasters

#### Safe assembly area:

https://drive.google.com/drive/folders/11Uba3lgz6XQEFDIEN5037pp6STMJk2gK?usp=drive\_link

Policies of various committees for student and staffs: For womens safety: <u>https://kalasalingam.ac.in/students-grievances-redressal/</u> ICC committee: <u>https://kalasalingam.ac.in/internal-complaints-committee/</u> Anti-ragging Committee: <u>https://kalasalingam.ac.in/anti-ragging-committee/</u> Women Empowerment Committee: <u>https://kalasalingam.ac.in/women-empowerment-cell/</u>

#### **Lactation Room:**





A lactation room is available in Block 2 and is open for use by faculty members, students attending convocation, and members of the public visiting for admissions or other university-related events who have recently given birth. This facility ensures a private and comfortable space for breastfeeding or pumping, supporting the needs of new mothers within the university com

## Reasons for our University (KARE) collaborating with Health Institutions:

The following are the reasons for our University (KARE) collaborating with Health Institutions.

Collaboration between universities and health institutions is essential for advancing healthcare, improving education, and fostering innovation. These partnerships can provide numerous benefits for both parties, including enhanced learning opportunities for students, increased research funding, and the development of real-world solutions to health challenges.

Universities can partner with health institutions to conduct clinical trials, epidemiological studies, and translational research, bridging the gap between basic science and practical medical applications.

Health institutions provide valuable data that can inform academic research and help universities focus on pressing health issues, such as chronic disease management, public health challenges, and emerging diseases.

Collaboration allows universities to work on developing innovative medical technologies, pharmaceuticals, and treatments in real-world settings.

Universities can partner with health institutions to design public health campaigns, conduct health literacy programs, and address social determinants of health.

Collaborative research projects often have access to a broader pool of funding from government agencies, private foundations, and international organizations. This joint approach can increase the chances of receiving grants for critical healthcare projects.

Universities and health institutions can share research facilities, medical equipment, and expertise, lowering the cost of conducting advanced studies and experiments.

## Key Areas of Collaboration:

• Medical and Health Sciences Research



- Clinical Practice and Training (internships, placements, etc.)
- Public Health Education and Community Outreach
- Development of Health Policies and Advocacy
- Technological Innovations in Healthcare (e.g., telemedicine, AI, wearable devices)
- Global Health and International Health Initiatives
- Interdisciplinary Programs (e.g., bioinformatics, health economics, healthcare management)
- Design and development of alternative device in low cost and compact size