



KALASALINGAM

ACADEMY OF RESEARCH AND EDUCATION

(DEEMED TO BE UNIVERSITY)

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



Minutes of Research Advisory Committee meeting held on **14.08.2024** at R&D Meeting room as per direction of the Office of Research and Development, Kalasalingam Academy of Research and Education for Approving **his/her** Ph.D. Synopsis submission of **Research Scholar**, Register number: **XXXXXX**

Date: **14.08.2024**

The Research Advisory Committee meeting for the Ph.D. scholar **Research Scholar**, register number: **XXXXXX**, was held on **14.08.2024** at **10.30 AM** to approve **his/her** Ph.D. Synopsis.

The following RAC members were present.

1.	XXXXXXXXXXXX Professor, Department of Electronics & Communication Engineering, Kalasalingam Academy of Research and Education, Anand Nagar, Krishnankoil-626126.	Supervisor
2.	XXXXXXXXXX , Associate Professor, Department of Computer Science Engineering Indian Institute of Information Technology Kelambakkam Road, Kanchipuram, Chennai-600048.	External RAC member
3.	XXXXXX Professor, Department of Electronics & Communication Engineering, Kalasalingam Academy of Research and Education, Anand Nagar, Krishnankoil-626126.	Internal RAC Member
4.	XXXXXX Professor, Department of Electronics & Communication Engineering, Kalasalingam Academy of Research and Education, Anand Nagar, Krishnankoil-626126.	Internal RAC Member

The research scholar gave a presentation on the research work carried out by him on the topic "**XXXXXX**". Based on the presentation made by the scholar and the draft copy of the synopsis circulated the committee was satisfied with the work and advised the scholar to submit the synopsis report to the Director (Research and Development) for further processing. The committee verified the research scholar's publications, and the publications' details are given below.

LIST OF PUBLICATIONS (As per the University Format)

1. Amiya G, Ramaraj K, Murugan PR, Govindaraj V, Vasudevan M, Thiyagarajan A. A review on automated algorithms used for osteoporosis diagnosis. *Inventive Systems and Control: Proceedings of ICISC 2022*. 2022 Aug 2:247-62.
2. Amiya G, Ramaraj K, Murugan PR, Govindaraj V, Vasudevan M, Thiyagarajan A. Assertion of Low Bone Mass in Osteoporotic X-ray images using Deep Learning Technique. In 2022 4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N) 2022 Dec 16 (pp. 830-835). IEEE.
3. Amiya G, Murugan PR, Ramaraj K, Govindaraj V, Vasudevan M, Thirumurugan M, Zhang YD, Abdullah SS, Thiyagarajan A. Expeditious detection and segmentation of bone mass variation in DEXA images using the hybrid GLCM-AlexNet approach. *Soft Computing*. 2024 Jul 18:1-4. **Journal Impact Factor - 3.1 (2023)**
4. Amiya G, Murugan PR, Ramaraj K, Govindaraj V, Vasudevan M, Thirumurugan M, Abdullah SS, Thiyagarajan A., LMGU-NET: methodological intervention for prediction of bone health for clinical recommendations, *The Journal of Supercomputing*. 2024 Apr 4:1-28. **Journal Impact Factor - 2.5 (2023)**

Depending on the merit of the work carried out by the scholar, the committee also recommends the submission of the thesis for adjudication. The committee has approved the panel members (list enclosed) to examine the thesis.

Signature of the RAC Members

- 1.
- 2.
- 3.