

# Dr. Kevisino Khate

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## ACADEMIC DETAILS

<b>National Institute of Technology, Nagaland</b> <i>Ph.D in Computer Science and Engineering</i>	2025
<b>National Institute of Technology, Nagaland</b> <i>Master of Technology (M.Tech) in Computer Science and Engineering</i>	2019
<b>Bangalore Institute of Technology</b> <i>Bachelor of Engineering (B.E) in Computer Science and Engineering</i>	2016

## TECHNICAL SKILLS

- **Languages** (C, C++, Java, Python, R, Matlab)
- **Script** (PHP, JavaScript, HTML 5)

## ACHIEVEMENTS

- Qualified the UGC NET (December 2018) for Assistant Professor in Computer Science and Applications.

## EXPERIENCE

- Assistant Professor, ICAFI University Nagaland (August 2019 - December 2019)
- Teaching Assistant, Department of Computer Science and Engineering, National Institute of Technology Nagaland (January 2020-December 2024)
- Assistant Professor, Tetso College (March 2025 – July 2025)
- Guest Faculty, School of Engineering and Technology, Nagaland University, Meriema (August 2025-Present)

## WORKSHOP/ SEMINAR /FDP ATTENDED

- Participated in a hands-on training and workshop on “Computational Biology and Biomedical Informatics” organized by the National Institute of Technology (NIT) Silchar, Assam.
- Completed a five-day online short-term course on “Data Science and Its Applications” conducted by the Indian Institute of Information Technology (IIIT) Bhagalpur.
- Participated in the workshop on “Medical Image Computing: Machine Learning Methods and Advanced MRI Applications” organized by the Indian Institute of Technology (IIT) Bombay.
- Participated in the workshop on “Optimization Techniques and Big Data Analysis Tools for Engineering Solutions” organized by the National Institute of Technology (NIT) Nagaland.
- Participated in the workshop on “Private Cloud Implementation with Open-Source Software” organized by the National Institute of Technology (NIT) Nagaland.
- Participated in the workshop on “Raspberry Pi-Based Industrial Applications with IoT Technology” organized by the National Institute of Technology (NIT) Nagaland.
- Participated in the workshop on “HTML5” organized by the Bangalore Institute of Technology, Bangalore.
- Participated in the Faculty Development Program on “Advanced Tools and Techniques for Research Methodology”, organized by Research Foundation of India.
- Participated in the Faculty Development Program on “Feature Engineering: The Backbone of Effective AI & ML Solution Applications”, organized by the HUB E&ICT Academy, NIT Warangal in association with IIIT Bhubaneswar.

## DETAILS OF PUBLICATIONS

## **I. Book Chapter**

- ✓ Kevisino khate and Arambam Neelima "Detection of COVID-19 infection using chest X-ray images," Machine Learning and AI Techniques in Interactive Medical Image Analysis. DOI: 10.4018/978-1-6684-4671-3, pp 83-105.

## **II. Conferences**

- ✓ Kevisino Khate and Arambam Neelima, "Automatic detection of COVID-19 in chest X-ray based on VIT," Communications in Computer and Information Science (CCIS), Proceedings of the International Conference on Global Mental Health and Public Health Challenges & Innovation, Indian Institute of Information Technology Ranchi, Ranchi, India, 25-27 November 2022.

## **III. Journals**

- ✓ Kevisino khate, Bam Bahadur Sinha and Arambam Neelima "Flower Pollination-Enhanced CNN for Lung Disease Diagnosis," The Computer Journal, vol. 67, no. 11, pp. 3080-3093, 2024. (SCIE)
- ✓ Kevisino khate and Arambam Neelima "Deep Feature Fusion and Selection for lung disease classification" Soft Computing, Springer, DOI: <https://doi.org/10.1007/s00500-025-11040-w>, vol 30, pp 2609-2624. (SCIE)