

CURRICULUM VITAE

Name: DR MANJULA KALITA

Designation: ASSISTANT PROFESSOR

Address for Communication: (office): Department of Computer Science and Engineering,
Girijananda Chowdhury University, Azara,
Guwahati – 781017, Assam

Mobile No.: 9706341803

WA No: 9706341803

Email: manjula_cse@gcuniversity.ac.in

Sex: Female

Date of Birth: 01/01/1982

Educational Qualifications:

Sl. No	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.	1997	SEBA	
2	HSSLC/10+2 Std.	1999	AHSEC	
3	Degree (Please Specify)	2002	Gauhati University	B.Sc.
4	Master's Degree (Please Specify)	2004	Gauhati University	M.Sc. in Computer Science
5	M. Phil.(Please Specify)	2008	Tezpur University	M.Tech. in Information Technology
6	Ph. D.	2025	Gauhati University	Computer Science

7	Post-Doctoral (Please Specify)			
8	Others(Please Specify)			

Languages known:

- English
- Hindi
- Assamese

Academic/ Administrative Experience:

- Assistant Professor in Girijananda Chowdhury University from August 2008 till date.

List of Publications:

Journals:

1. **M. Kalita**, L. B. Mahanta, A. K. Das, and D. Laskar, “An Interpretable Hybrid AI Model for Breast Fine Needle Aspiration Cytology Image Classification,” *Journal of Medical Systems*, vol. 49, no. 1, Dec. 2025, doi: <https://doi.org/10.1007/s10916-025-02267-z>. [Impact Factor-5.7, Indexed in SCIE, Scopus, PubMed, Embase]
2. **M. Kalita**, L. B. Mahanta, Anup Kumar Das, and M. Nath, “A new deep learning model with interface for fine needle aspiration cytology image-based breast cancer detection,” *Indonesian journal of electrical engineering and computer science*, vol. 34, no. 3, pp. 1739–1752, Jun. 2024, doi: <https://doi.org/10.11591/ijeecs.v34.i3.pp1739-1752>. [Cite-score=2.9, Indexed in Scopus] (Citation 9)
3. **M. Kalita**, L. B. Mahanta and A. Das, “A review of automated digital clinical system of breast cancer detection using fine needle aspiration cytology images,” *Annals of oncology research and therapy*, vol. 1, no. 1, pp. 10–15, Jan. 2021, doi: https://doi.org/10.4103/aort.aort_6_21. [Peer Reviewed] (Citation 2)
4. **M. Kalita**, S. Dutta , A. Yesmin, “A Survey on Man in the Middle Attack: Classification, Defense Mechanisms and Challenges”, International Journal of Computer Sciences and Engineering, Vol.04, Issue.07, pp.62-66, 2016.

Conferences:

1. **M. Kalita**, D. K. Bhattacharyya and M. Dutta, " Privacy Preserving Data Mining: Heuristic Based Approach, Techniques, Research Issues and Challenges", NCTMI 2011, Tezpur University
2. **M. Kalita**, D. K. Bhattacharyya and M. Dutta, "Privacy Preserving Clustering-A Hybrid Approach," 2008 16th International Conference on Advanced Computing and Communications, 2008, pp. 123-130, doi: 10.1109/ADCOM.2008.4760438. [IEEE] **(Citations 10)**

Book Chapter:

1. **Kalita M.** Advances of Deep Learning in Breast Cancer Detection using microscopic Fine Needle Aspiration Cytology Images. In: Sarmah K, Das HC, editors. Machine Learning, Artificial Intelligence, and Data Science: Current Trends in Big Data, Deep Learning, Neural Networks, and Predictive Modeling [Internet]. USA | UK | India | Turkey: Deep Learning Publishing; 2025. p. 146–60. Available from: <https://doi.org/10.70593/978-93-7185-827-4>

Research Experience:

- Doctoral thesis guided : N/A
- Research & Consultancy Projects: N/A

Membership of Professional bodies:

- ISTE (Indian Society for Technical Education)Member,
- ASS (Assam Science Society) Member

Award, Fellowship & Recognition:

- Recipient of NEC Scholarship

Name: Manjula Kalita

Date: 30/01/2026