

Hima Vijayan

Mobile: +91 9605935559

Email: himavijayan@gmail.com

CAREER OBJECTIVE

A rewarding and fulfilling teaching career in engineering where I can utilize my experience and make the bright carrier of students.

PROFESSIONAL EXPERIENCE

Assistant Professor, July 2022- Till Date, S.A Engineering College, Avadi

Assistant Professor, June 2012 – June 2017, Toc H Institute of Science and Technology, Arakkunnam, Kerala.

Lecturer, June 2009 –July 2010, Viswajyothi College of Engineering and Technology, Kerala

ACADEMICS

Ph. D, Information and Communication Engineering (2025)

- Anna University, Chennai

M Tech. Computer Science - Specialization in Data Security (2010-2012)

- TIST, Arakkunnam(Cochin University of Science and Technology)
- First Class with Distinction

B Tech, Computer Science and Engineering (2005-2008)

- ICET, Muvattupuzha (M.G. University)
- First Class with Distinction

PAPER PUBLICATION

1. Vijayan, H., M., S., & K., S. (2022). A Hybrid Intelligent Clustering Model for Tackling Incomplete Mixed Data Using Heuristic Algorithm with Artificial Intelligence. *Cybernetics and Systems*, 55(5), 1005–1040. <https://doi.org/10.1080/01969722.2022.2137649>
2. Hima Vijayan, Subramaniam M, Sathiyasekar K, A-MKMC: An effective adaptive-based multilevel K-means clustering with optimal centroid selection using hybrid heuristic approach for handling the incomplete data, *Data & Knowledge Engineering*, Volume 150, 2024, 102243, ISSN 0169-023X, <https://doi.org/10.1016/j.datak.2023.102243>.
3. A. Sivakumar, J. Jency Rubia, Hima Vijayan, and C. Sivakumaran. 2024. Detection of Botnet using deep learning algorithm: application of machine learning in cyber-security. *Int. J. Electron. Secur. Digit. Forensic* 16, 2 (2024), 213–222. <https://doi.org/10.1504/ijesdf.2024.137030>
4. J. Lenin, A. Komathi, H. Vijayan, A. R. Rathinam, A. Kasthuri and C. Srinivasan, "Revolutionizing Healthcare With Cloud Computing: The Impact of Clinical Decision Support Algorithm," *2023 International Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIIHI)*, Raipur, India, 2023, pp. 1-6, doi: 10.1109/ICAIIHI57871.2023.10489022.
5. A. Rajasekar, V. Kavitha, Hima Vijayan, and Sheshang Degadwala. 2025. Black hole attacks recognition in wireless mobile ad hoc networks (MANET). *Int. J. Mob. Netw. Des. Innov.* 11, 3 (2025), 152–162. <https://doi.org/10.1504/ijmndi.2025.146749>
6. Rohini. C, B. Murugeswari, A. K. Jaithunbi, Hima Vijayan, Intelligent Edge Healthcare Using Federated Learning and Clustering with Kepler-Optimized Steerable Graph Neural Networks, Vol. 10 No. 39s (2025), DOI: <https://doi.org/10.52783/jisem.v10i39s.7054>.

PATENTS PUBLISHED - 03

PROFESSIONAL BODY MEMBERSHIP

- ISTE Life time membership
- IAENG Membership
- Internet Society