

Faculty Profile

Name	: Mrs. Vidya N L	
Designation	: Assistant Professor	
Department	: Computer Science and Engineering	
Contact Details		
E-mail	: vidyanl@nie.ac.in	
Phone	: 7411908416	

About me:

Mrs. Vidya N L is an Assistant Professor in the Department of Computer Science and Engineering. She is currently pursuing her Ph.D. in Computer Science & Engineering from Indian Institute of Information Technology – Dharwad (IIIT Dharwad). She completed her M.Tech in Computer Engineering in 2019 and B.E. in Computer Science & Engineering in 2017 from VTU.

She has a strong academic background and is actively involved in teaching and research in emerging areas of computer science. Her teaching interests include Operating Systems, Internet of Things (IoT), Fundamentals of DevOps, Advanced Database Management Systems, Unix System Programming, and Big Data Analytics.

Her research focuses on Artificial Intelligence, Machine Learning applications in agriculture, and IoT-based intelligent systems. She has published research papers in reputed Scopus and indexed journals and international conferences, contributing to areas such as smart agriculture, healthcare surveillance using IoT, computer vision, and intelligent monitoring systems.

Mrs. Vidya N L is also an active member of professional bodies including IEEE and IFERP (Life Member). She is committed to enhancing students' technical knowledge, encouraging innovation, and contributing to impactful research in emerging technologies.

Google Scholar ID:

https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=oE0wnngA AAAJ

Orcid ID: 0000-0003-4981-7081

Scopus ID: 57201798812

Scopus Profile: <https://www.scopus.com/authid/detail.uri?authorId=57201798812>

Qualification:

- **Ph.D.** (Computer Science & Engineering), IIIT Dharwad– Pursuing
- **M.Tech** (Computer Engineering), VTU – 2019
- **B.E.** (Computer Science & Engineering), VTU – 2017

Courses Taught:

- Operating Systems
- Internet of Things
- Fundamentals of Devops
- Advanced Database Management System
- Unix System Programming
- BigData Analytics

Publications (Scopus/WoS Indexed):

Journal Publications

1. **Vidya N L**, R Anitha, Naveen S Pagad, Mohammed Uzair F “REVIEW ON SMART HARVEST: UNLEASHING AI AND ML TECHNIQUES FOR DISEASE IDENTIFICATION IN AGRICULTURAL PLANTATIONS”, International Journal of Applied Mathematics, Volume 38 No.9s , 2025 ISSN: 1311-1728 (printed version); ISSN: 1314-8060 (on-line version) DOI: <https://doi.org/10.12732/ijam.v38i9s.786>
2. **Vidya N L**, P Ravi, Nithin Kumar, “Internet of Things (IoT): A Revolutionary Approach towards Healthcare Surveillance” NCICCNDA 2018, AIJR Proceedings 1, pp.257-264, 2018. DOI: <https://doi.org/10.21467/proceedings.1.43>

Conference Proceedings

1. **Vidya N L**, M. Meghana, P. Ravi and N. Kumar, "Virtual Fencing using Yolo Framework in Agriculture Field," 2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV), Tirunelveli, India, 2021, pp. 441-446, doi: [10.1109/ICICV50876.2021.9388585](https://doi.org/10.1109/ICICV50876.2021.9388585).
2. R. Sanjay, S. G. Rajan, C. Supraja, H. Veena, M. Natesh and **Vidya N L**, "Monitoring of Social distancing & Face mask Using CNN," 2021 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON), Pune, India, 2021, pp. 1-6, doi: [10.1109/SMARTGENCON51891.2021.9645748](https://doi.org/10.1109/SMARTGENCON51891.2021.9645748).

Professional Memberships

- IEEE Member
- IFERP Member– Life Member