

Dr. Nithya B N is an accomplished Associate Professor with a Ph.D., over 12 years of teaching experience, and 6 years of industry expertise. Her research and teaching focus on **Data Analytics, Nature-Inspired Algorithms, Optimization Techniques, Software Architecture, and Big Data Analytics**. She is skilled in **Python, Operating Systems, and Computer Networks** and has taught a wide range of subjects, including **Business Analytics, Machine Learning, Database Management Systems, and Software Engineering**.

With **more than 250 certifications** in advanced domains such as **Machine Learning, Predictive Analytics, Cloud Computing, Hadoop, Blockchain, and AI**, she demonstrates a strong commitment to continuous learning and technological advancement. Her academic contributions include **14 international conference papers** and publications in high-impact journals, including **Quartile 1 and Quartile 2 papers**, with research themes covering **Recommender systems, Data Analytics, Blockchain technology, and Optimization Techniques**.

An active professional, Dr. Nithya holds **life memberships** in the **Computer Society of India (CSI), International Association of Engineers, and Association of All Computer Science Teachers**. She has also secured **AICTE funding** for a workshop on **Software Testing**, highlighting her leadership in academia-industry collaboration.

Her profile reflects a **dynamic blend of research excellence, teaching proficiency, and industry-relevant expertise**, positioning her as a key contributor to the fields of **data science, AI, and software engineering**.