

Faculty Profile

Name : Pradeep Kumar H S
Designation : Asst Professor
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About me: I am working as an Assistant Professor in the Department of Information Science and Engineering, NIE, Mysuru since 2015. Prior to joining NIE, I gained three years of academic experience in teaching undergraduate engineering courses at MITM. My teaching interests include Machine Learning, Discrete Mathematical Structures, Graph Theory, Big Data Analytics, Real Time Systems, DevOps, Unix Shell Programming, Web Technologies, Object Oriented Programming using Java, and Advanced Computer Architecture. I am currently pursuing my Ph.D. with research focus on Machine Learning and Data Science. My academic interest lies in teaching strong mathematical foundations required for computer science and modern machine learning systems. I am passionate about simplifying complex mathematical concepts and connecting them to real-world computing and data-driven applications.

Qualification:

B.E. in Computer Science & Engineering from VTU
MTech in Computer Network Engineering from VTU,
Ph.D. (Pursuing, VTU, Belagavi)

Courses Taught:

UG Courses

Discrete Mathematical Structures
Graph Theory
Object Oriented Programming using Java
Web Technology
Linux and System Programming
Machine Learning

PG Courses

Cryptography & Network Security

Publications:

Journal Publication:

1. S. Suhas, S. Lokesh, Pradeep Kumar H S, P. Chaudhry, A. K. Jakkani, and M. Durairaj, "Robust and Secure IoT Architecture for Machine Learning-Based Drug Administration in Remote Healthcare," *International Journal of Drug Delivery Technology*, vol. 16, no. 4s, pp. 665–675, 2026, doi: 10.25258/ijddt.16.4s.78. IJDDT, Vol16, Issue4s, Article78
2. Pradeep Kumar H S and Harsha S, "A Machine Learning Approach to Predict and Evaluate the Human Immune System Response to Intrusion with B-Cell Epitopes as Protein-Protein Interaction," *Journal of Information Systems Engineering and Management*, vol. 10, no. 61s, 2025.
3. Vidyashree N. and Pradeep Kumar H S, "Predicting Relationship between Traffic Accidents with Related Injuries," *Grenze International Journal of Engineering and Technology*, Jan. Issue, 2023.

Professional Membership / Roles

Sl. No.	Type of Membership	Professional Bodies
1	Life Member	IEI
2	Life Member	ISTE
