

## Faculty Profile

<p>Name: PADMA M T</p> <p>Designation: Assistant Professor</p> <p>Department: ISE</p> <p>Contact Details: The National Institute of Engineering, Mysuru</p> <p>E-mail : padmamt@nie.ac.in</p> <p>Phone: 6361918110</p>	
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### **About me:**

I have been working as an Assistant Professor in the Department of Information Science and Engineering since 2021. I am passionate about teaching and mentoring students while contributing to academic and research activities in emerging areas of computer science. **Currently pursuing a Ph.D. at Visvesvaraya Technological University (VTU), my research focuses on artificial intelligence and cybersecurity.**

My areas of interest include cybersecurity, data science, and data analytics. I am enthusiastic about exploring modern technologies in these domains and integrating them into teaching and research to enhance student learning and practical understanding.

My academic background has provided me with strong foundations in networking technologies, data-driven systems, and security concepts.

I am committed to continuous learning, academic excellence, and contributing to the development of students through innovative teaching and research-orientated approaches.

### **Qualification:**

**B. E.** in Computer Science and engineering.

**MTech** in Software Engineering (JSS Science and Technology University)

**Ph.D.** (pursuing at Visvesvaraya Technological University, Belagavi)

**Courses Taught:** List of 5 UG courses taught in recent years:

1. Deep Learning
2. Computer Networks

3. Data Structures and Algorithms
4. C Programming
5. Research Methodology And IPR

PG courses (M.Tech):

1. **Research Methodology and IPR**

**Professional Certificates:**

1. **Python for Everyone (Coursera)**

**Publications:**

**Conference Proceedings**

1. "Deep Learning-Powered UAV Surveillance for Automated Pest Control in Smart Farms," *2025 8th International Conference on Computing Methodologies and Communication (ICCMC)*, Erode, India, 2025, pp. 37-43, doi: 10.1109/ICCMC65190.2025.11140868.
2. "AI-Driven Biometrics for Web3"

**Invited Talk**

**Invited Talk (2025) – “Big Data Analytics”, JSS Life Sciences.**

**Invited Talk (2024) – Python for MSc Bio-informatics JSS Life Sciences.**