

## FACULTY PROFILE

**Name: POORNIMA N**

**Designation: Assistant Professor**

**Department: Computer Science and Engineering**

**E-mail: [poorniman@nie.ac.in](mailto:poorniman@nie.ac.in)**

**Phone: 9731606765**



### **About me:**

I am a proud alumnus of The National Institute of Engineering (NIE), where I completed my Bachelor's degree in Computer Science and Engineering in 1998 and my M.Tech in Information Technology in 2018. My academic journey led me into the teaching profession, where I have been dedicated to educating and mentoring students in the field of Computer Science.

As an Assistant Professor, I teach core computer science subjects and actively engage in guiding students in laboratory work, projects, and research-oriented learning. I have a strong interest in Machine Learning, Deep Learning, Artificial Intelligence, and Image Processing, and I strive to help students understand both the theoretical foundations and practical applications of these technologies.

Alongside my teaching responsibilities, I am pursuing my PhD with a focus on Machine Learning, Deep Learning, and Image Processing. My research interests include Machine Learning and deep learning models, the mathematical foundations of learning algorithms, and the enhancement and optimization of ultrasound (US) images using machine learning techniques.

Throughout my academic career, I remain committed to continuous learning, improving teaching-learning methodologies, and contributing to the academic growth of students and the institution.

## **Qualification:**

- **Ph.D. (Pursuing)** - (VTU)
- **M.Tech in Information Technology** – NIE (Affiliated to VTU)
- **B.E. in Computer Science & Engineering** – University of Mysore

## **Courses Taught:**

### **UG courses**

1. Machine Learning
2. C Programming
3. Software Project Management and Entrepreneurship
4. Object Oriented Programming with C++
5. UI and UX
6. Computer Forensics
7. Software Engineering
8. Introduction to AI

### **PG courses**

1. Deep Learning
2. Machine Learning and Applications
3. Cloud computing

## **Publications**

### **Conference Publication**

**Poornima N., Annapurna V.K.,** “Image Blending and its Importance in Image Processing.” *International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)*, Volume 4, Issue 6, 2018, ISSN: 2456-3307.  
Presented at **National Conference on Engineering Innovations and Solutions (NCEIS – 2018)**.

## Journal Publications

1. **Aditya Kiran, Arjun Nambiar, Ajay Biradar, Ashish Baghel, Poornima N,**  
“ParkEase: A Real-Time Parking Slot Detection and Management System Using OpenCV and IoT Integration for Smart Urban Mobility.”  
*Journal of Emerging Technologies and Innovative Research (JETIR)*,  
Volume 12, Issue 5, May 2025.  
ISSN: 2349-5162.
2. **Surya M. D. Gowda, Ankith B. Shetty, Mohith Aradhya, Nehal C. Gadkar,**  
“Decentralized Ticketing System for Concert Events.”  
*International Research Journal of Engineering and Technology (IRJET)*,  
Volume 11, Issue 07, July 2024.  
e-ISSN: 2395-0056, p-ISSN: 2395-0072.  
Guided by **Poornima N**, Assistant Professor, CSE, NIE, Mysuru.
3. **Srinidhi S., Jeetendra G. Vasisht, Praharsha Raghavan Iyer, Shivabasappa G. Gudasalamani, Poornima N,**  
“CAMPADVISOR: A Review Based Website for Campgrounds.”  
*International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)*,  
Volume 4, Issue 6, June 2022.  
e-ISSN: 2582-5208, Impact Factor: 6.752.
4. **Surya Tej K.R., Poornima N,**  
“Secure Crime Case Summary in Police Station Using Blockchain Technology.”  
*International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)*.  
ISSN: 2456-3307.  
DOI: <https://doi.org/10.32628/CSEIT217410>.