

## Faculty Profile

Name : Sandhya N  
Designation : Assistant Professor  
Department : Information Science and Engineering  
Contact Details: 7760873726  
E-mail : sandhyan@nie.ac.in



**About me:** I am serving as an Assistant Professor in Information Science and Engineering with three years of teaching experience, supported by prior industry work as a Senior Associate Software Developer. Currently pursuing a Ph.D. at Visvesvaraya Technological University (VTU), my research focuses on Artificial Intelligence, Natural Language Processing and Machine Learning. I have taught both undergraduate and postgraduate students and contributed to departmental growth through roles such as major project coordinator and website coordinator.

### **Qualification:**

B.E in Information Science (Visvesvaraya Technological University.)  
MTech in Software Engineering (JSS Science and Technology University)  
Ph.D. (pursuing at Visvesvaraya Technological University, Belagavi)

### **Courses Taught:**

#### **UG courses(ISE):**

1. Research Methodology
2. Full Stack Development
3. Indian Knowledge systems

#### **PG courses(MCA):**

1. Computer Organization
2. Database Management Systems
3. Software Testing

### **Publications:**

#### **Journal Publications:**

1. Amith M S and **Sandhya N**, "Real-Time Automated Label Alignment for Orientation Correction in Camera Capture Systems," JETIR, vol. 11, no. 7, Jul. 2024.
2. G. Gargi and **Sandhya N**, "Unveiling Brain Age with Early Alzheimer's and Parkinson's Identification," International Journal of Innovative Research in Computer and Communication Engineering (IJRCCE), vol. 12, no. 7, Jul. 2024.

3. B. P. Arabhi and **Sandhya N**, "Walking Towards Progress: Gait Analysis in the Path to Tomorrow," International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), vol. 12, no. 7, Jul. 2024.

4. S. R. Bhat and **Sandhya N**, "Areca Nut Quality and Price Prediction," International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), vol. 12, no. 7, Jul. 2024, doi: 10.15680/IJIRCCE.2024.1207038.

5. B. Bhuvana and **Sandhya N**, "Mitigating Food Waste through Charitable Giving: An App-Based Solution," International Advanced Research Journal in Science, Engineering and Technology (IARJSET), vol. 10, no. 8, Aug. 2023, doi: 10.17148/IARJSET.2023.10828.

**Conference proceedings:**

1. AICTE sponsored International Conference on Agrivoltaics Innovations focusing on smart farming with renewable energy, machine learning and Embedded Technologies (ICAISMA – 2025)  
*Paper Presented: Personalized Food Recommendation Based on Disease and Food Image Analysis*

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