Faculty Profile

Name: Mrs. Smitha B
Designation: Assistant Professor
Department: Computer Science and Engineering

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About me:

Mrs. Smitha B is an Assistant Professor in the Department of Computer Science and Engineering and is currently pursuing her Ph.D. in Computer Science and Engineering under Visvesvaraya Technological University (VTU). Her research primarily focuses on **Deep Learning and Computer Networking**, with an interest in developing intelligent and scalable systems using advanced machine learning techniques.

She is actively involved in teaching several core and advanced courses including **Deep Learning, Data Structures and Applications, Python Programming, C Programming, Object-Oriented Programming with C++, Cyber Security, Microprocessors, and Advanced Digital Communication**. She is passionate about guiding students in developing strong programming skills and encouraging them to apply theoretical concepts to real-world problems.

Mrs. Smitha B is actively engaged in research and has published research papers in peer-reviewed journals and presented her work at international conferences in the areas of Artificial Intelligence, networking, and intelligent monitoring systems. Her work focuses on applying deep learning techniques to solve practical problems and exploring intelligent networking solutions.

She is a Life Member of IFERP (Institute for Engineering Research and Publication) and is committed to promoting innovation, research, and technical excellence among students while contributing to advancements in emerging technologies.

Qualification:

- Ph.D. (Computer Science & Engineering), VTU - Pursuing
- MTech (Computer Network & Engineering), VTU -2016
- B.E. (Computer Science and Engineering), VTU-2014

Courses Taught:

- Deep Learning
- Data Structure and Applications
- Python Programming
- C Programming
- Cyber Security
- OOPS with C++
- Microprocessor
- Advanced Digital Communication

Publications:

Journal Publications:

1. **Smitha B**, Sathvik U, *"Connect: An Online Community Platform,"* International Journal of Scientific Research in Engineering and Management (IJSREM), Vol. 9, Issue 9, Sept 2025. Link: https://ijsrem.com/download/your-paper-link.

Conference Proceedings/ Conference Presentation:

1. **Smitha B**, Prasanna Patil, Farhan MS, Darshan, Abhishek, *"Ocean Watch AI: An Integrated Edge AI Platform for Marine Pollution Monitoring,"*Presented at International Conference on Big Data and Artificial Intelligence and IoT (ICBDAIT), Bagalkote, India, 11 December 2025. Certificate_ AR-DAIT-BGKL-11122…

professional membership:

- IFERP (LIFETIME Membership)

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