

# PROFILE

Name	Dr. Priyanka R
Position & Affiliation	Associate Professor
Areas of Interest	
Email	priyanka.ise@cambridge.edu.in
LinkedIn ID	
Google Scholar ID	<a href="https://scholar.google.co.in/citations?user=EM2zo8UAAAAJ">https://scholar.google.co.in/citations?user=EM2zo8UAAAAJ</a>
Orchid ID	0000-0002-0963-7898
Vidwan ID	564218
Scopus ID	57428064200
Professional Webpage (if any)	

## **Educational Qualifications:**

Ph.D	VTU	India	2023
MTech	VTU	India	2013
BE	VTU	India	2011

## **Areas of Research:**

- Wireless Sensor Networks
- Network Security
- Swarm Intelligence
- Internet of Things (IoT)
- Artificial Intelligence
- Cloud Computing
- Data Mining & Big Data
- Blockchain

## **Brief Profile: (write about yourself)**

**Dr. Priyanka R** is an Associate Professor in the Department of Artificial Intelligence and Machine Learning (AIML) with over 11 years of teaching and 6 years of research experience. She holds a Ph.D. in Wireless Sensor Networks and an M.Tech. and B.E. in Computer Science & Engineering from VTU, Belgaum.

Her research interests span **Wireless Sensor Networks, Network Security, IoT, AI, Cloud Computing, Big Data, and Blockchain**. Dr. Priyanka has authored a textbook on Operating Systems and has over 20 international publications, six patents, and numerous funded research projects to her credit.

She has received accolades including the **Young Researcher Award 2022** and recognition for her contributions as a reviewer and editor. A passionate educator and innovator, she actively participates in organizing and leading workshops, FDPs, and seminars, empowering students and faculty alike.

Dr. Priyanka is a lifetime member of ISTE and an advocate for advancing AI and networking technologies in academia and industry.

#### Awards/Achievements/Others:

- **Young Researcher Award 2022** by the Institute of Scholars
- Recognized as a reviewer for **Indonesian Journal of Electrical Engineering and Computer Science** (Scopus Indexed)
- Life Member of **Indian Society for Technical Education (ISTE)**
- Member of **Institute for Engineering Research and Publication (IFERP)**
- Best Paper Award at a National Conference

#### Courses Taught:

#### Publications/Patents:

Publications

1. **Hierarchical Routing with Optimization Algorithm for SDN: Enhancing Network Lifetime and QoS**", *Revue d'Intelligence Artificielle*, June 2024.
2. **"A Novel Swift and Intelligent Approach for Revamping Shopping Experience"**, *International Journal of Computer Applications*, July 2024.
3. **"Automated Text Extraction and Classification using MLP"**, *IEEE Xplore*, August 2024.
4. **"Hybrid Cluster-Based Intelligent IDS with Deep Belief Network"**, *International Journal of Intelligent Systems and Applications in Engineering*, January 2024.
5. **"Developing and Using an IoT-Powered Adaptive Device for the Military"**, *IJISRT*, March 2024.
6. **Conferences**
7. Presented at **6th International Conference on Advances in Computer & Communication Engineering (ACCE-2022)**.
8. Contributed papers to multiple national conferences, including innovations in **Wireless Sensor Networks and IoT technologies**.

Patents	Authored 6 patents
Book/Book Chapters	Nil
<b>Research and Consultancy:</b>	