

ANUPAMA B S

Assistant Professor, Department of CSE, SIT

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Education

	Degree	Year	Institute	Specialization
1	B.E	2011	Channabasaveshwara Institute of Technology, Gubbi	CSE
2	M.Tech	2013	National Institute of Engineering (NIE), Mysore	CNE
3	PhD	2025	Siddaganga Institute of Technology, Tumakuru	Blockchain Technology

Professional Experience

	Date (from-to)	Designation	Organization
1	From 05/02/2025	Assistant Professor	Siddaganga Institute of Technology, Tumakuru
2	2020-2021	Lecturer	Siddaganga Polytechnic, Tumkur
3	2019-2020	Assistant Professor	Siddaganga Institute of Technology, Tumakuru
4	2018-2019	Assistant Professor	Acharya Institute of Technology, Bangalore
5	2013-2015	Assistant Professor	Channabasaveshwara Institute of Technology, Gubbi, Tumkur

Awards and Honors

- Secured 99% and became **GOLD TOPPER** in the course **Internet of Things (IOT)** organized by **NPTEL**.
- Received **SPOT RECOGNITION AWARD** in **LG** for proactively developing domain/functional competency.

Courses Taught

Undergraduate Courses

- Principles of Programming using C
- Data Communication
- Computer Networks
- Data structures
- Blockchain Technology
- Information and network security
- Analog and digital electronics

Postgraduate Courses

- Network Programming
- Advanced database management systems and IOT (Lab)
- Blockchain Technology (Lab)

Research Areas

- Blockchain Technology
- Machine Learning

Publications

Journals

- Anupama, B. S., & Sunitha, N. R. (2025). **“Blockchain scheme for decentralization in healthcare”**. *African Journal of Science, Technology, Innovation and Development*, 1–20. <https://doi.org/10.1080/20421338.2025.2461205> **Scopus indexed International Journal (Q2)**.
- Anupama, B. S., & Sunitha, N. R. (2025). **“Scalable-PoS: Towards decentralized and efficient Energy saving Consensus in Blockchain”** is accepted in IJCNIS, a **Scopus indexed International Journal (Q1)**.
- Anupama B S, Rakshith D B, Rahul Kumar M, Navaneeth M, **“Real Time Twitter Sentiment Analysis using Natural Language Processing”**, July 2020, International Journal of Engineering Research & Technology (IJERT), volume 9, issue 7, page 1107- 1112.
- Anupama B S, Kandepi Bhavani, Nirmitha M V, **“Performance Analysis by Extracting Features In Network Intrusion Detection System Using Supervised Machine Learning Algorithms”**, December 2020, Journal of Critical Reviews, volume 7, issue 17, page 2008-2022.

- Anil Kumar, Anupama B S, "**Packet Loss Enhancement in Mobile Network using Multi-homing Mobility Technique**", July 2014, in International Journal of Computer Science and Technology, Volume 5, issue 3, pages 94-97.
- Anupama B S, Prasanna K B, "**PDA to identify Palindrome Subsequence Problem in DNA Sequence**", December 2014, International Journal of Current Engineering and Technology, volume 4, number 6 , page 4263-4265.
- Anupama B S, Prasanna K B, "**Identifying the defects in glass bottles using Particle Swarm Optimization**", December 2014, International Journal of Engineering Trends and Technology, volume 18, number 4, page 162-164.

Conference Proceedings

- B. S. Anupama and N. R. Sunitha, "**Analysis of the Consensus Protocols used in Blockchain Networks – An overview**," 2022 IEEE International Conference on Data Science and Information System (ICDSIS), Hassan, India, 2022, pp. 1-6, doi: 10.1109/ICDSIS55133.2022.9915929.
- B. S. Anupama, A. R. Das, N. Rattan, R. Jaiswal and N. R. Sunitha, "**Fund Tracking System using Blockchain Technology**," 2023 4th IEEE Global Conference for Advancement in Technology (GCAT), Bangalore, India, 2023, pp. 1-6, doi: 10.1109/GCAT59970.2023.10353263.
- B. S. Anupama, N R Sunitha, R Ankitha, Rachitha C, Vibha V Hathwar, Vinuja N M, "**An approach to enhance Students Digital Fee Payment System in College by utilizing the Weak Blocks in Subchain** " 2025 third edition of IEEE International Conference on Contemporary Computing and Communications (InC4) organized by IEEE Computer Society Bangalore Chapter and IEEE Computer Society Student Branch Chapter CHRIST University Bangalore, India.
- B. S. Anupama, N R Sunitha, Ashuthosh N B, Sechan B L, Sneha R, Mohammed Ajmal, "**Secure Data Search in Edge Computing using Deep Learning**, " 2025 third edition of IEEE International Conference on Contemporary Computing and Communications (InC4) organized by IEEE Computer Society Bangalore Chapter and IEEE Computer Society Student Branch Chapter CHRIST University Bangalore, India.

Book Chapters

- Anupama, B.S., Sunitha, N.R. (2024). “**Survey on Blockchain Scalability Addressing Techniques**”. In: Patel, S.J., Chaudhary, N.K., Gohil, B.N., Iyengar, S.S. (eds) Information Security, Privacy and Digital Forensics. ICISPD 2022. Lecture Notes in Electrical Engineering, vol 1075. Springer, Singapore. https://doi.org/10.1007/978-981-99-5091-1_28
- Anupama B S, Sunitha N R, Yadlapalli Ranganadh, Jaya Krishna, Raga Deepthi Juturu, Muralidhar, Thejas G S, “ **Document Management across Departments in Defense using Blockchain Technology,**” 2025, is published in the 1st Edition, CRC Press, Taylor & Francis **Scopus indexed** book chapter.