

PROFILE

Name	Aparna N
Position & Affiliation	Assistant Professor, Department of CSE
Areas of Interest	Blockchain Technology, Cryptography, Automata Theory and Computability
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LinkedIn ID	www.linkedin.com/in/aparna-n-05ab332a3
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Professional Webpage (if any)	https://sites.google.com/cambridge.edu.in/mrs-aparna-n/home

Educational Qualifications:

Ph.D	VTU(Pursuing)	India	
M.Tech	RGIT, VTU	India	2014
B.Tech	JEC, Calicut University	India	2007

Areas of Research:

Blockchain and NFT, IoT, Machine Learning & Data mining

Brief Profile: (write about yourself)

Mrs. Aparna N, who holds an M.Tech in Computer Science and Engineering, is renowned for her unwavering dedication and strong academic prowess. With exceptional presentation and motivational abilities, she adeptly engages students, promoting interactive learning environments. Currently serving as an Assistant Professor in Computer Science and Engineering at Cambridge Institute of Technology, she earned her Bachelor's degree from Calicut University, Kerala, following a Master's degree from VTU, Karnataka, both in Computer Science and Engineering. Additionally, she is pursuing her Ph.D. in Computer Science & Engineering from VTU. Mrs. Aparna holds a prolific publication record in esteemed journals and conferences, complementing her 11 years teaching experience and comprehensive technological expertise.

Guiding students at various levels (BE, MTech and PhD)

B.E.-Three project teams under the area of Blockchain

M.Tech-One Mini Project Team Under the area of Blockchain

Awards/Achievements/Others:

College Topper for M.Tech

Courses Taught:

Blockchain Technology, Automata Theory and Computability, Data Communication, Web Technology and Its Application, Computer Organization, C Programming, Data Mining and Data Warehousing
Internet of Things.

Publications/Patents:

Publications	▪ “A Secure NFT-Based System for Eliminating Counterfeit Certificates”, 2023 IEEE 5th PhD Colloquium on Emerging Domain Innovation and Technology for Society (PhD EDITS), 25 November-2023, DOI: 10.1109/PhDEDITS60087.2023.10373697. ▪ “Exploring Blockchain Solutions for Combating Fake Certificates,” Second International Conference (IEEE) on Augmented Intelligence and Sustainable Systems ICAISS-2023, 23-25, August 2023, DOI: 10.1109/ICAISS58487.2023.10250732. ▪ “Decision Tree-Based Explainable AI for Diagnosis of Chronic Kidney Disease”, 5th International Conference (IEEE) on Inventive Research in Computing Applications, ICIRCA 2023, 3rd -5th August 2023, DOI: 10.1109/ICIRCA57980.2023.10220774 ▪ "Performance Improvement in Multimedia Answering by Web Excavation", ISSN:2320-088X, Vol. 3, Issue. 5, May 2014, pg.1191-1197, International Journal of Computer Science & Mobile Computing (IJCSMC) ▪ “An Overview of Multimedia Approach in Question Answering”, National Level Conference on Emerging Trends in Electronics and Communication Engineering in Association with IETE, 4th March 2014.
Patents	Multi-Model Spatio-Temporal Pain Assessment System Indian Patent - Published Application No -202441046983 Product Authenticity Assurance System Indian Patent - Published Application No -202341079925 Intelligent storage system for early detection of spoilage in grains (Filed) Indian Patent - Filed Application No -202341084908 Smart Window to alert on insect intrusion at Residence Indian Patent - Published Application No -202341031689
Book/Book Chapters	A book chapter titled “Internet of Things (IoT) in Bioelectronics by Wiley-Scrivener (yet to publish).

Research and Consultancy:

Pursuing PhD in the area of Blockchain and NFT under VTU.