

Dr. ANUPAMA T A

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Education

	Degree	Year	Institute	Specialization
1	B.E	2007	Sri Siddhartha Institute of Technology	ISE
2	M.Tech	2013	Siddaganga Institute of Technology	CNE
3	Ph.D.	2022	VTU, Belagaum.	Wireless Sensor Networks

Professional Experience

	Date (from-to)	Designation	Organization
1	10/08/2023-Till the date	Assistant Professor	SIT
2	From 18/08/2020-09/08/2022	Associate Professor	Akshaya Institute of Technology, Tumkur.
3	From 18/12/2015 - 08/08/2022	Assistant Professor	Akshaya Institute of Technology, Tumkur.
4	02/02/2013 to 17/12/2015	Assistant Professor	PNS Institute of Technology.
5	From 18/10/2007 to 10/06/2011	Lecturer	Siddaganga Polytechnic, Tumkur.

Positions held

(Please give details of any administrative posts, co Ordinator roles/ responsibilities held)

	Date (from-to)	Designation	Organization
1	From 18/08/2020-09/08/2022	Academic Dean.	Akshaya Institute of Technology, Tumkur.

Courses Taught

Undergraduate Courses

- C Programming
- Data Structures
- Computer Organization
- Database Management System
- Data structures and Applications
- Advanced Data Structures
- Cloud Computing
- Analysis and Design of Algorithms
- Data Communication (CN-I)
- Web Programming
- Internet of Things
- Distributed Data Storage Management
- Universal Human Values

Research Areas

- Wireless Sensor Networks.
- Key Management Issues.

Publications

Journals

- Synthesis and antioxidant activity of gallic acid based fluorescent benzothiazole analogue: Photophysical, electrochemical, conceptual DFT, QTAIM and docking investigations. S Chandrasekhar, T.A. Anupama, M.S. Raghu Journal of Molecular Structure 1321 (2025) 139819
- An XAI-enhanced efficientNetB0 framework for precision brain tumour. Mahesh T R, Muskan Gupta, Anupama T A Journal of Neuroscience Methods 410 (2024) 110227.
- Design & development of secured energy-efficient double-stage cooperative multi-path routing protocol in multi-hop co-operative WSNs to maximize the network lifetime & minimize energy consumption detection in MRI imaging. Anupama T.A. Dr. Prashantha G.R. Turkish Journal of Computer and Mathematics Education
- Secured & Energy Efficient Clone Detection Protocol Development in h-WSNs using an Improvised Security Algorithm – A Review Study. Anupama T.A. Dr. Prashantha G.R Journal of Communication Engineering and Its Innovations

Conference Proceedings

AI Academic Research Aggregator Dr. Anupama T.A Chandragupta Kumar Aman Kumar
Systems for applications in Electrical Sciences (ICSSSES) | 979-8-3315-0767-1/25/\$31.00
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