

Name of Faculty Vaskula Srikanth
Designation Assistant Professor
Nature of Job/Appointment Regular



Date of Joining 2021

E-mail vaskulasrikanth_it@cbit.ac.in

Education Qualifications

Name of the Degree

Class

Ph. D	Doctor of Philosophy (CS)	Pursuing
PG	M. Tech. (CS)	Distinction
UG	B. Tech. (CSE)	First Class

Work Experience

Teaching	4+ Years
Research	4+ Years
Industry	--
Others	--

Area of Specialization

Machine Learning & Data Mining, Information Security & Reversible Data Hiding, AI-based Assistive Systems, Blockchain & Decentralized Systems, Multi-Agent LLM Systems

Professional Memberships

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Responsibilities held at Institution Level

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Responsibilities held at Department Level

1. Result Analysis Coordinator, Department of Information Technology.
2. Activities Coordinator, Department of Information Technology.
3. Upskilling Coordinator, Department of Information Technology.
4. Member, Criteria 3 (Research, Innovation & Extension), Departmental Accreditation Committee.
5. Member, Criteria 4 (Infrastructure & Learning Resources), Departmental Accreditation Committee.
6. Class Teacher, III Semester, IT-2.
7. Academic Mentor to 24 students.

Research Guidance

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Awards Received

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Courses Handled at Under Graduate / Post Graduate Level.

Programming for Problem Solving (C), Object Oriented Programming (Java), Python Programming, Data Structures using C & Python, Formal Languages and Automata Theory (FLAT), Design and Analysis of Algorithms

No. of Papers Published

National Journals – --	International Journals – 1 (Submitted)
National Conference – --	International Conference – 3 (IEEE Xplore)

Projects Carried out

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Patents

Application filed under The Patents Act, 1970 (Form-2, Complete Specification):

1. A System/Method to Detect COVID-19 Using AI-Based Techniques.
2. Voice-Based Email System Using SVM Algorithms: A Novel Approach for Enhanced Communication Accessibility.
3. Smart Agriculture Automatic Monitoring System Using Artificial Intelligence.

4. A System/Method for Voice Translation and Hand Gesture Recognition for the Deaf and Dumb.

Technology Transfer

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Invited Speaker

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No. of Books/Chapter Published with details

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Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized).

1. International Faculty Development Programme (IFDP) on "Next-Gen AI for a Sustainable Future: LLMs, RAG, and Agentic Systems" organized by the Department of CSE (AI&ML), Chaitanya Bharathi Institute of Technology CBIT(A), Hyderabad, Telangana, India conducted for one week from 22-27 June, 2026.

2. Coordinated & Participated in a Three-Day Industry Training Programme on "AI Integration with Electronics and Communication Engineering" (GenAI Pioneer), organized by GenAI Pioneer, during 29 June – 1 July 2026.

Details of Journal Publications/Conferences (National and International)

International Conference :

1. **Vaskula Srikanth**, Vempaty Prashanthi, Sagar Gujjunoori, Srinivas Kanakala, Shivakumar Nangunuri, D. Suresh Babu (2025) "A Hybrid CNN-Transformer Framework for Vision Assistance", 7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2025), ISBN: 979-8-3315-1414-3.

2. S. Parvathi, Yacharam Uma, I. Umamaheshwar Rao, GiriBabu K, Kummari Venkatesh, **Vaskula Srikanth** (2025) "Decentralized Evidence Custody: Leveraging Ethereum and IPFS for Digital Integrity", 2nd International Conference on Recent Trends in Electrical, Electronics and Computing Technologies (ICRTEECT 2025), ISBN: 979-8-3315-8172-5.

3. Tumma Divya, Vempaty Prashanthi, **Vaskula Srikanth**, Venu Gopalachari M (2026) "A Survey on Multi-Agent LLM Frameworks with Semantic Memory Integration and Dynamic DAG Orchestration", 7th IEEE International Conference on Inventive Research in Computing Applications (ICIRCA 2026), ISBN: 979-8-3315-5940-3.

National /International Journal :

1. Sagar Gujjunoori, Shrikant Mapari, **V. Srikanth**, M. Venugopala Chari, Abdulatif Alabdultif, Komakula Kavya, Repalle Tomson, Challa Ruthwik Reddy, "Sliding Window Pixel Value Splitting for High-Capacity Reversible Data Hiding" — submitted to Scientific Reports (Springer Nature).

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