



Mr. Ganesan M is an Assistant Professor in the Department of Computer Science and Engineering (Cyber Security) with over 8 years of combined industry and academic experience. He possesses extensive expertise in Computer Networks, Cyber Security, Cloud Computing, Database Management Systems, Software Engineering, and IT Infrastructure Management. Prior to academia, he worked as a Network Engineer and System Engineer in reputed organizations including CPCL, NIC, ELCOT, and Pack and Stack Woods LLC (UAE), gaining hands-on experience in network administration, data center operations, cybersecurity, system monitoring, and enterprise IT infrastructure.

Currently pursuing a Ph.D. in Computer Science and Engineering, his research interests include Artificial Intelligence for Healthcare, Network Security, Cyber Security, Cloud Security, and Intrusion Detection Systems. He has published research articles in Scopus-indexed journals, presented papers at international conferences, and published multiple patents in emerging technology domains.

As an educator, he is committed to delivering industry-oriented learning experiences, mentoring students in technical and career development, and fostering innovation through research, projects, certifications, and extracurricular activities. His goal is to bridge the gap between academia and industry by integrating practical knowledge, emerging technologies, and research-driven approaches into engineering education.

Research Interests

- Cyber Security and Network Security
- Security Operations Center (SOC) and Security Monitoring
- Threat Detection and Incident Response
- Artificial Intelligence in Healthcare
- Intrusion Detection and Prevention Systems
- Cloud Computing and Cloud Security
- Artificial Intelligence and Machine Learning
- Deep Learning
- Generative AI
- Software Engineering and Testing
- Computer Networks and Network Administration

Professional Highlights

Research & Publications

- Published a Scopus-indexed research paper titled "An Efficient Machine Learning Based Approach for Early Detection of Network Intrusion Attacks" in the International Journal of Drug Delivery Technology (2026).
- Presented research work at the 2025 International Conference on Electronics and Computing, Communication Networking Automation Technologies (ICEC2NT) on the topic of Adaptive Quantum Computing Control and Real-Time Error Prevention.
- Actively involved in research in Cyber Security, Artificial Intelligence, Quantum Computing, Cloud Security, and Intrusion Detection Systems.
- Currently pursuing Ph.D. in Computer Science and Engineering, focusing on advanced research in emerging computing technologies and cybersecurity domains.

Patents & Innovations

- Published patent: "Cloud Computing Device for Enhanced Network Security" (2025).
- Published patent: "A Remote Collaboration Workspace" (2025).
- Published patent: "Digital Evidence Timeline Generator with RFID Tagging and Raspberry Pi" (2026).
- Published patent: "Autonomous Malware Detection and Termination Bot" (2025).

Academic & Teaching Achievements

- Serving as Assistant Professor in Computer Science Engineering (Cyber Security) with responsibility for teaching Computer Networks, Software Engineering, Database Systems, and related subjects.
- Recognized for delivering practical-oriented and industry-integrated learning experiences to engineering students.
- Actively mentoring students in technical skill development, career guidance, projects, certifications, and placement preparation.
- Handled key departmental responsibilities including Placement Coordinator, Cisco Coordinator, ACT Academy Coordinator, Exam Cell Coordinator, and Competition Coordinator.

Industry Experience & Technical Expertise

- Possesses over 8 years of industry experience in Network Engineering, System Administration, IT Infrastructure, and Data Center Operations.
- Worked with reputed organizations including Chennai Petroleum Corporation Limited (CPCL), National Informatics Centre (NIC), ELCOT, and Pack and Stack Woods LLC (UAE).
- Hands-on experience in Cisco Routing & Switching, VLAN, VTP, STP, RSTP, VPN, Firewall Configuration, Load Balancing, and Network Security.
- Managed enterprise network infrastructure with high availability and uptime requirements.

- Experienced in system monitoring, troubleshooting, security policy implementation, and IT infrastructure management.

Certifications & Professional Development

- Cisco Certified Network Associate (CCNA – Routing & Switching).
- Completed Front-End Developer Certification through Infosys Springboard.
- Successfully completed NPTEL courses in Educational for Sustainable Development and Entrepreneurship.
- Participated in multiple Faculty Development Programs on Cloud Computing, Cyber Security, Ethical Hacking, Quantum Computing, Generative AI, and Computational AI.

Vision and Goals

Mr. Ganesan M envisions advancing research in Artificial Intelligence for Healthcare, Cyber Security, Cloud Computing, and Computer Networks. His goal is to develop intelligent AI-based healthcare solutions for disease diagnosis and prediction, while also contributing to secure and resilient digital infrastructures. Through research, innovation, and education, he aims to create impactful technologies that improve healthcare services and address emerging challenges in the digital era.

Contact Information

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