

Dr. Sreevani Maddukuri

Professor in CSE-DS/IoT

Faculty

Faculty of Engineering and Technology

School / Program

SCST

Faculty Introduction :

An academican with 25 years of extensive teaching and demonstration experience with excellent communication skills Implementing creative teaching methodologies using available audio/video tools, subjective blogs, email threads, web boards, formula cards, e-calendars and discussion forums Practising research and innovation, reaping the benefits from internet communications tools and open source tools/technologies. Distinction of handling AICTE sponsoring project(s) and various management activities (encompassing project proposals, proof of concept implementation, pilot releases, resource planning, time scheduling, task allocation and technology management) Exposure in setting up CSE/CSIT Department infrastructure development, operations, processes and support activities. Supervised major BTech/MTech projects, Key reviewer of Cognitive science research initiative (CSRI) proposals Guiding one Ph.D Student at present.

Qualifications

Ph.D. (Web Data Mining)

JNTUH, Hyderabad 2016

M. Tech. (CSE)

JNTUH, Hyderabad, 2006

BE (CSE)

Gulberga University, Karnataka, 1997

Experience

Teaching

- 26 Years at MGIT, Hyderabad

Industry

- 0 Years

Research

- 9 Years



Contact

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Websites

LinkedIn : 32397234b

Google Scholar ID:

[oQeAmV4AAAAAJ&hl=en](https://scholar.google.com/citations?user=oQeAmV4AAAAAJ&hl=en)

Scopus Author ID: 57203783090

Orcid ID: 0009-0002-2827-9210

Research Interest

Big Data
Information Security
Data ware housing and Data Mining
In-Memory Computing
Analysis and Design of Algorithms

Awards & Achievements

Active Member, Board of Studies (Computer Science), *GRIET*, Hyderabad
Best Paper Award at an International Conference held in *Bangkok*
Senior Advisory Committee Member, *QUBIT*, held on **March 8–9, 2013**
Stage Committee Member, *NIRVANA*, conducted from **March 21–23, 2012**
Member, Departmental **NBA Committee**, *MGIT* (2012–2018)
Coordinator, *MGIT Alumni Meet-up* (2014).

Publication / Patents

1. Bhargavi, K., Pasha, M. J., Kotoju, R., & Vani, M. S. (2025). IVFD: An Intelligent Video Forgery Detection Framework Leveraging InceptionV3 and GRU for Enhanced Forensics. *Indonesian Journal of Electrical Engineering and Informatics (IJEEI)*, 13(1), 30-44.
2. Desidi Narsimha Reddy, Dr Pinagadi Venkateswararao, Dr M. Sree Vani, Vodapelli Pranathi, Dr Anitha Patil HybridPPI: A Hybrid Machine Learning Framework for Protein-Protein Interaction Prediction, *Indonesian Journal of Electrical Engineering and Informatics (IJEEI)*, Vol. 13, No. 2, June 2025, pp. 439-450
3. Rajarajeswari, P., Saraswathi, R. V., Jahnavi, Y., Ravuri, V., Alankritha, S., Vani, M. S., ... & Gaftandzhieva, S. (2025). Performance evaluation of generative adversarial networks for anime face synthesis using deep learning approaches. *Multidisciplinary Science Journal*, 7(3), 2025093-2025093.
4. A. Harshavardhan., M. Sree Vani., Dr Anitha Patil., Nagendar Yamsani., & Kande Archana (2025) Hybrid Deep Learning Framework For Intrusion Detection: Integrating Cnn, Lstm, And Attention Mechanisms To Enhance Cybersecurity. *Journal of Theoretical and Applied Information Technology*, 103(1), 63-78.
5. Koushik Anumal, G. Sunil Kumar, M. Sree Vani, Kuncham Sreenivasa Rao. BCDNN: Enhancing CNN Model for Automatic Detection of Breast Cancer Using Histopathology Images, *Indonesian Journal of Electrical Engineering and Informatics (IJEEI)*, Vol. 13, No. 2, June 2025, pp. 424-438
6. Moeed, S. A., Babu, B. S., Sreevani, M., Rao, B. V., Kumar, R. R., & Mohammed, G. B. (2024). An Intelligent Crow Search Optimization and Bi-GRU for Forest Fire Detection System Using Internet of Things. *Nature Environment & Pollution Technology*, 23(4).
7. Vemula, S. T., Sreevani, M., Rajarajeswari, P., Bhargavi, K., Tavares, J. M. R., & Alankritha, S. (2024). Deep Learning Techniques for Lung Cancer Recognition. *Engineering, Technology & Applied Science Research*, 14(4), 14916-14922.
8. M. Sree Vani (2019), Opinion analysis of digital India mission, *International Journal of Recent Technology and Engineering (IJRTE)*, 8(1c2) 1240-1242.
9. Rajarajeswari, P., Sreevani, M., & Suryakumari, P. L. (2021, November). Secure Cloud Risk Architecture analysis for Mobile Banking system and its performance analysis based on Machine learning approaches. In *Journal of Physics: Conference Series* (Vol. 2089, No. 1, p. 012007). IOP Publishing.
10. Vani, M. S., Bhramaramba, R., Vasumati, D., & Babu, O. Y. (2014). Tui based touch-spam detection in mobile applications to increase the security from advertisement networks. *IJACCC: International Journal of Advanced Computer Communications and Control*, 2(01), 17-22.
11. Vani, M. S., Bhramaramba, R., Vasumati, D., & Babu, O. Y. (2014). A Node-Tag Prediction Algorithm for Touch Spam Detection in Mobile Ad Networks. *International Journal of Computer Engineering and Applications*, 8(III).
12. Manne Vamshi Krishna, Gopu Abhishek Reddy, B. Prasanthi, M. Sreevani, (2019). Green Virtual Mouse Using OpenCV. *International Journal of Computer Sciences and Engineering*, 7(4), 575-580.
13. M. Sree Vani (2017) "Identifying Spam in Mobile Ad Networks using Latent Class Model". *International Journal of P2P Network Trends and Technology (IJPTT)*, 7(1):22-27.

14. M. Sree Vani (2017) "A Graph-Based Approach for Discovering and Mining Evolving usage Patterns". *International Journal of P2P Network Trends and Technology (IJPTT)*, 7(1):28-31
15. M. Sree Vani (2017) "Forecast of Mobile Ad Click through Logistic Regression Algorithm". *International Journal of P2P Network Trends and Technology (IJPTT)*. 7(5) :30-33
16. M. Sree Vani (2017) "Advisory System for Online Advertising". *International Journal of P2P Network Trends and Technology (IJPTT)*, 7(5) :34-40
17. M.Sree Vani (2017) "Classification of Touch Spam in Mobile Ad Networks using Bi-Partite Graph". *International Journal of P2P Network Trends and Technology (IJPTT)*. 7(6), 19-24.
18. M.Sree Vani (2017) "An Ensemble Learning Approach to Detect Touch-Spam in Mobile Ad-Networks". *International Journal of P2P Network Trends and Technology (IJPTT)*, 7(2),18-24.
19. M. Sree Vani (2016)., "A recommender system for Online Advertising", *International Journal of Advanced Research in Computer and Communication Engineering*,5(2), 599-604.
20. Sree Vani, M. (2016). Prediction of Mobile Ad Click Using Supervised Classification Algorithms. *International Journal of Computer Science and Information Technologies*, 7(2).
21. M. Sree vani, R.Bhramaramba, D.Vasumati and O.Yaswanth Babu.,(2012) "Classifying Web Spam Using Block-based TrustRank" *International Journal of Current Engineering and Technology*, 2(4). 369-373.
22. M. Sree vani, R.Bhramaramba, D.Vasumati and O.Yaswanth Babu.,(2013) "A Survey on Link Based Algorithms for Web Spam Detection" *International Journal of Current Engineering and Technology*, 3(2). 547-556.
23. M.Sreevani, & Ravi, Bhramaramba& Vasumati, D. & Babu, O.Yashwant. (2014). "Spam Detection in Mobile Ad Networks". *International Journal of Electrical, Electronic and Computer Systems*. 2(2). 5-10.
24. Vani, M. S., Bhramaramba, R., Vasumati, D., & Babu, O. Y.,(2014), "Prediction of Spam App Publishers In Mobile Ad Networks." *International Journal of Advanced Technology in Engineering and Science*. 2(10). 219-228.
25. Kumar, M., Kumar, V., Sabitha, B., Singh, J., Al-Jawahry, H. M., & Vani, M. S. (2024, November). A High-Performance Deep Learning Approach for Real-Time Detection of Rice Leaf Diseases Using CNN Model. In *2024 International Conference on IoT, Communication and Automation Technology (ICICAT)*(pp. 849-853). IEEE.
26. Singh, J., Sahu, D. P., Reddy, P., Mohan, L. M., Alsalami, Z., & Vani, M. S. (2024, November). Advances in Deep Learning for Remote Sensing: Automatic Target Detection and High-Resolution



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Image Classification. In *2024 4th International Conference on Advancement in Electronics & Communication Engineering (AECE)* (pp. 872-877). IEEE.

27. Mohammad, F., Sharma, G., Khandelwal, K., Arif, A., Vani, M. S., & Sathyanarayana, C. (2024, September). Development of a Predictive Model for Kidney Stone Formation Using Deep Learning Techniques. In *2024 International Conference on Artificial Intelligence and Emerging Technology (Global AI Summit)* (pp. 485-489). IEEE.
28. Bafna, P., Thakur, H. K., Singh, J., Sadana, J., Hassan, M. M., & Vani, M. S. (2024, November). An Intelligent Learning Approach to Case Analysis for Predicting Legal Outcomes Using Random Forest and K-Nearest Neighbors. In *2024 4th International Conference on Technological Advancements in Computational Sciences (ICTACS)* (pp. 602-607). IEEE.
29. Reddy, P., Singh, J., Rawat, G. S., Habelalmateen, M. I., & Vani, M. S. (2024, November). Development and Testing of a CNN-Based Smart Web Application Deep Learning for Early Detection of Plant Diseases. In *2024 Second International Conference on Advanced Computing & Communication Technologies (ICACCTech)* (pp. 319-324). IEEE.
30. Rajarajeswari, P., Sreevani, M., & Suryakumari, P. L. (2021, November). Secure Cloud Risk Architecture analysis for Mobile Banking system and its performance analysis based on Machine learning approaches. In *Journal of Physics: Conference Series* (Vol. 2089, No. 1, p. 012007). IOP Publishing.
31. Sree Vani, M., Sutrawe, R., & Yaswanth Babu, O. (2019). A Data Mining Approach for Sentiment Analysis of Indian Currency Demonetization. In *Soft Computing in Data Analytics: Proceedings of International Conference on SCDA 2018* (pp. 11-17). Springer Singapore.
32. Vasumati, D., Vani, M. S., Bhramaramba, R., & Babu, O. Y. (2015, April). Data mining approach to filter click-spam in mobile ad networks. In *Int'l Conference on Computer Science, Data Mining & Mechanical Engg* (pp. 90-94). ICCDMME Bangkok Thailand.
33. M.Sreevani, R. Bhramaramba, D. Vasumathi, O. Yaswanth Babu, "A Multi-Phase Approach To Retrieve Spam Free Web Pages ", 3rd National Conference in NCCNIS-2014, Vasavi Engineering college.
34. M.Sreevani, R. Bhramaramba, D. Vasumathi, O. Yaswanth Babu, "Identification of Touch spam in Mobile Ad Networks using Bipartite Graphs", International Conference in ICICC-2015.

Professional Membership

- Indian Society for Technical Education. (Life Member)

Awards & Recognitions

Active Member, Board of Studies (Computer Science), *GRIET*, Hyderabad
Best Paper Award at an International Conference held in *Bangkok*
Senior Advisory Committee Member, *QUBIT*, held on **March 8–9, 2013**
Stage Committee Member, *NIRVANA*, conducted from **March 21–23, 2012**
Member, Departmental **NBA Committee**, *MGIT* (2012–2018)
Coordinator, *MGIT Alumni Meet-up* (2014).

Administrative Responsibilities

- Department Level- Placement Coordinator, Research and Innovation Coordinator
- University Level- Nil

Workshops / FDPs / Seminars Attended

Three-Week Refresher Course on *Information Security* with **A grade**, conducted by **UGC Academic Staff College, JNTUH** (17th Nov – 6th Dec 2008)

Three-Week Refresher Course on *Big Data and Cloud Analytics* with **A grade**, conducted by **UGC Academic Staff College, JNTUH** (10th – 29th Nov 2014)

One-Day Seminar on *Innovation and Technology for Sustainable Development*, **MGIT**, Hyderabad



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Two-Day National Workshop on *Speech Processing*, **MGIT**, Hyderabad

Two-Day National Workshop on *Research Opportunities in Computer Science and IT*, **CBIT**, Hyderabad

One-Day National Symposium on *Software 2.0: Emerging Competencies*, organized by **Computer Society of India (CSI)**, Hyderabad

One-Day National Workshop on *Technological Foundations of Research in Computer and Information Sciences*, **CBIT**, Hyderabad

One-Day TCS Faculty Development Program on *Introduction to Service-Oriented Architecture and Cloud Computing*, **MGIT**, Hyderabad

One-Day TCS Faculty Development Program on *Project Management from an Industry Perspective*, **MGIT**, Hyderabad.

Workshops / FDPs / Seminars Organized

Program Chair, *National Conference on Knowledge Engineering (NCKE-2011)*

Coordinator, *In-house Technical Workshops, Conferences, and Seminars* at MGIT

Projects Guided

- UG Projects
- PG Projects