

Dr Sudeepthi Govathoti
Assistant Professor, Department of CSE.

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Web of Science: <https://www.webofscience.com/wos/author/record/GPS-8704-2022>

Professional Profile

1. Qualified Assistant Professor with nearly 14 years of teaching experience in CSE
2. Proven ability to improve student performance and learning outcomes
3. Experienced in curriculum development & Board of Studies (BOS) member.
4. Skilled in student mentoring, project guidance, and providing internship opportunities.
5. Successfully facilitated student internships with industry organizations
6. Strong communication, leadership, and organizational skills
7. Proficient in innovative and student-centric teaching methodologies
8. Coordinated academic initiatives, workshops, and hackathons
9. Served as CSI Student Branch Counsellor and SPEED (IUCCE) Coordinator
10. Actively involved in faculty development programs and continuous learning
11. Efficient in managing academic and administrative responsibilities

Scientific publications/Peer-reviewed publications:

1. Sudeepthi Govathoti , “Scalable Innovative Factors For Shaping Consumer Intentions On Electric Two-Wheelers Adoptions”, Scalable Computing, 2024, 25(6), pp. 4507–4517.
2. Sudeepthi Govathoti , “Investigation of cyber-attacks using post-installation app detection method”, Cogent Engineering, 2024.
3. Sudeepthi Govathoti,” V2G Nonlinear Connection in EV’s for Wireless and Sustainable Mobility with Support of Machine Learning”, Communications on Applied Nonlinear Analysis, Volume 31, Issue 2, Pages 214 – 233, 2024.
4. Sudeepthi Govathoti,” Design and Development of Web Application Using AI Based Sensors for Improving Air Quality Index”, SSRG International Journal of Electronics and Communication Engineering, Volume 11, Issue 5, Pages 69-77, 2024.
5. Sudeepthi Govathoti,” Detection of COVID-19 Using SIS-CODE Algorithm”, International conference on Variability of the Sun and sun-like stars: from asteroseismology to space weather”, Volume 358, Pages 491 – 501, 2023.
6. Sudeepthi Govathoti,” A Hybrid Machine Learning Model to Recognize and Detect Plant Diseases in Early Stages”, International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169, Volume: 11 Issue: 9, July 2023.
7. Sudeepthi Govathoti,” Exploring the Generations: A Comparative Study of Mobile Technology from 1G to 5G”, SSRG International Journal of Electronics and Communication Engineering, Volume 10 Issue 7, 54-62, July 2023.
8. Sudeepthi Govathoti, “Investigation of Omnidirectional Vision and Privacy Protection in

- Omnidirectional Cameras”, SSRG International Journal of Electronics and Communication Engineering, Volume 10 Issue 5, pp: 105-116, May 2023.
9. Sudeepthi Govathoti, “Efficient diabetic retinopathy detection using convolutional neural network data augmentation”, Soft Computing Journal, <https://link.springer.com/article/10.1007/s00500-023-08537-7> , June 2023. Springer.
 10. G. Sudeepthi and Prof. K. Venkata Rao,” An Architectural Design of a Novel Secured Semantic Meta Search System (SSMSS) For Real Time Multi-Domain Web Data and Performance Evaluation of SSMSS against Baseline Systems”, Journal of theoretical and applied information technology, Volume. 97, Issue. 4, pp: 1289-1303, 2019
 11. G. Sudeepthi, A Mallikarjun Reddy, “Data Augmentation Techniques on Chilly Plants to Classify Healthy and Bacterial Blight Disease Leaves”, International Journal of Advanced Computer Science and Applications, Volume 13, Issue 6, PP: 131-139.
 12. Sudeepthi and Prof. K. Venkata Rao,” A Comprehensive Investigation of Some Popular Cryptographic Approaches -Implementation of Secured Semantic Meta Search Stack Using Proposed “Semantic Trust Crypto” Algorithm”, Journal of Advanced Research in Dynamical & Control Systems, Volume. 10, Special Issue. 13, pp: 1011-1025, 2018
 13. G. Sudeepthi and Prof. M. Surendra Prasad Babu,” Design and Development of Meta Search Engine Framework using Horizontal Partitioning Relevancy Criteria and Result Integration Factor Algorithms for Efficient Data Retrieval”, International Journal of Engineering & Technology (IJET-IJENS), Volume:18 Issue No:03, pp:19-27, June 2018
 14. Sudeepthi Govathoti and M.S. Prasad Babu, “An Implementation of a New Framework for Automatic Generation of Ontology and RDF to Real Time Web and Journal Data”, International Journal of Computer Science and Information Security (IJCSIS), Volume. 16 Issue No. 1, pp.89-94, January 2018
 15. Sudeepthi Govathoti, Deepthi Kamidi, N. Thirupathi Rao, Debnath Bhattacharyya and HyeJin Kim (2017) – “E-Branding: A New Approach for Promoting Polyhouse”, International Journal of u- and e- Service, Science and Technology, Vol.10, No.10 pp.1-12
 16. K.Asish Vardhan, N.Thirupathi Rao, S. Nagamallik Raj, G. Sudeepthi, Divya, Debnath Bhattacharyya and Tai-hoon Kim (2019) – “Health Advisory System using IoT Technology”, International Journal of Recent Technology and Engineering (IJRTE), Vol.7, No.6, pp.183-187
 17. Naga Swetha and G Sudeepthi, “Detecting User Linkage across Different Social Media Platforms through Multi-Objective Learning Framework”, International Journal of Advanced Research in Computer Science, Volume 8, Issue 9, November 2017
 18. Dr Krishna Murthy, Hari Krishna, R Krishnaiah and Sudeepthi G, “Privacy Preserving Nested Sub Queries over Relational Databases”, International Journal for Development of computer science and technology, Volume 3, Issue 2, January 2015
 19. Sudeepthi Govathoti, Santosh Kumar and Rajendra Kumar, “Perfect Secrecy for Contracted Rule Mining”, International Journal of Advanced Research in science and technology, Volume 4, Issue 3, pp.348-353, January 2015
 20. G. Sudeepthi, G. Anuradha and Prof. M. Surendra Prasad Babu,” A Survey on Semantic Web Search Engine”, International Journal of Computer Science Issues, Volume 9 Issue 2, pp. 241-245, 2012
 21. G. Sudeepthi and Prof. M. Surendra Prasad Babu, “A Survey on Meta Search Engine in Semantic Web”, International Journal of Computer Technology and Applications, Volume.2 Issue.6, pp. 3051- 3055, 2011

Publications In International Conferences

1. Sudeepthi Govathoti,” Leveraging ARMA and ARMAX Time-Series Forecasting Models for Rainfall Prediction”, 2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS), pp:353-357, May 2023.
2. Sudeepthi Govathoti, “Papaya Disease detection using AIML”, International Conference embracing the digital horizon powering commerce and management strategies for transformative future, 2024.
3. Prof. M Surendra Prasad Babu and Sudeepthi Govathoti, “A Semantic Model for Building Integrated Ontology Databases”, 7th IEEE International Conference on Software Engineering and Service Science, China, Beijing, pp.595-598, 2016.
4. Dr. M Vara Prasad Rao and G Sudeepthi, “The impact of cloud computing on Entrepreneurship and startups through amazon web services” at 3rd International Conference on next generation Entrepreneurship (ICNGE3), pp: 104-106

Books and book chapters:

1. Information Security, Scientific International Publishing House.
2. Big Data Analytics, Scientific International Publishing House.

Patent Details:

1. Patent Application No: 202241037959,” Analysis on Applications of an IOT based SDN smart health monitoring system”, July 2022.
2. Patent Application No: 202341009145,” A Novel Framework for Smart Communication Using IoT Based Raspberry-Pi Devices for Visually Impaired People”, February 2023.

Workshop/Invited talks:

1. Attended 3rd ICTIEE at College of Engineering, Pune, India from January 8th to 12th 2016.
2. Attended two days Mentor Development Programme by Bharath Yuva Shakthi Trust from 24th -25th February 2016
3. Contributed as a Resource Person for one-week FDP program on “Effective teaching and Learning Strategies”
4. Organized and conducted TITA, FOOTSTEPS Workshop and Guest Lecture on Entrepreneurship & Career Planning for III BTech I Semester Students
5. Acted as a Course Coordinator for various subjects like Software Testing Methodologies, Software Engineering, Operating System in order to achieve outcome-based education.
6. Attended and Certified 5-day Online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical
7. Acted as Academic and Student Advisory Board Coordinator for three years
8. Attended ATAL FDP On Programmable Cities organized by Indian Institute of Information Technology Dharwad
9. Organized AI Day Hackathon in collaboration with CSI, 2026

Academic Reviewing:

1. Reviewer, International Journal of Engineering Research and Technology (IJERT) — Registration No: IJERTREW4601
2. Reviewer, 2nd International Conference on Advances in Computational Intelligence and Informatics (ICACII 2023)
3. Reviewer, International Conference on Innovative Computing Technologies (ICICT 2024)
4. Reviewer, Green AI International Conference (2025)
5. Reviewer, 16th Multi-Disciplinary International Conference on Artificial Intelligence
6. Reviewer, CICT 2025 Conference.

Skill Enhancement Certifications:

1. Certified as Alteryx Foundation Micro Credential Certified for Data Science
2. Certified as Alteryx Designer Core Certified for Data Science
3. Certified as IUCEE IIECP International Engineering Educator Program
4. Certified as Alteryx Educator Training Certificate
5. Obtained NPTEL Certified: Software Testing Course, 2024.
6. Obtained IGIP International Society for Engineering Pedagogy (IGIP)

Major Achievements:

1. Got Ratified as Assistant Professor in department of Computer Science and Engineering in the year 2017 by Jawaharlal Nehru Technological University, Hyderabad, India.
2. Qualified in Faculty Eligibility Test (FET-2011) conducted by JNTUH, India
3. Obtained Best Mentor Award Gitam University.
4. Best Paper Award, “Papaya Disease Detection by Analyzing Images using AI/ML”, EDH 2024 Conference, published with Bentham Science
5. Published a research paper “A Survey on Semantic Web Search Engine” in an international journal with 97 citations.

Professional Affiliations

- ❖ Member, Computer Society of India (CSI)
- ❖ Member, Association for Computing Machinery (ACM)
