

Faculty Profile: Mrs. T Thulasi

Faculty	Mrs. T Thulasi Assistant Professor Ph.D. Scholar -DL, Department of CSE East Point College of Engineering & Technology Email id: thulasi1227@gmail.com thulasi.cse@eastpoint.ac.in Vidwan-ID: 628674Vidwan Profile Page Orchid ID - https://orcid.org/0009-0006-0413-0488 Google Scholar: https://scholar.google.com/citations?user=dT7OwgEAAAAJ&hl=en
	Mrs. T Thulasi received her Bachelor of Engineering degree in Computer Science and Engineering from Sri Venkateswara college of Engineering & Technology, Chittoor, JNTU University, Andhra Pradesh in 2006. She completed M.Tech from Sreenivasa Institute of Technology and Management Studies, Chittoor, JNTUA University Andhra Pradesh, in 2012. She has worked in various reputed colleges in the city and has 6.8 years of teaching experience. She has also organized many technical talks and seminar by inviting experts, professors and scientists from diverse fields, covering technical and non-technical aspects.
	Publications: • “Enhancing IoT – based healthcare Security with gray filter bayesian CNN and optimization algorithms” Paper on November 2025. • “Blockchain Enabled Secure Big Data Computing for Smart Cities using Internet of Things” Book in 2024. (ISBN: 978-81-980505-2-6) • IEEE International Conference on “IoT Enabled Biomedical Smart Waste Bin Monitoring System using YOLO Algorithm”. • Annual International Conference on “Implementing YOLOV8 for Road Damaged Dataset Evaluation in Autonomous Road Inspect”. • Annual International Conference on Multidisciplinary Research (ICMR – 2024) on “Digital Proctoring System with AI Integration” FDP’s/Workshops: • NPTEL course on “Introduction to Machine Learning”. • NPTEL course on “Artificial Intelligence: Concepts and Techniques”. • ATAL FDP on “Smart & Sustainable Waste Management using IoT and Data Analytics “from 15/09/2025 to 20/09/2025. • ATAL FDP on “5G: Future Impact, AI Coherence & Adherence to Digital Connectivity “from 25/08/2025 to 30/08/2025. • ATAL FDP on “Full Stack AI Web Development” from 20/01/2025 to 25/01/2025. • NPTEL course on “Programming in modern C++”. • workshop on “Conventional Neural Networks Applications & Advancements” from 15/06/2026 to 19/06/2026.

	Patents: • “A Deep Learning Based Adaptive Neurovascular Risk Fusion Framework for Early Stroke Risk Assessment” Patent on 22-06-2026. • “Hardware Aware Adaptive Compression Framework for Vision Transformers Enabling Real Time Edge Intelligence” Patent on 30-01-2026. • “AI Based Wearable Assistive Device for Alzheimer’s Patents: Integrated Memory Recognition, Fall Detection, Emotional Monitoring, and Remainders” Patent on 31-10-2025.
	Achievements / Awards / Recognition's • IEEE Membership. • Attended International short term training program on “Cloud Security: Emerging Threats and Cyber Threat Intelligence. • Participated in Management Development Program on “Research Methodology and Data Analysis”.