

I Godavarthi Gayatri is working as an Assistant Professor at Muffakham Jah College of Engineering and Technology (MJCET). I completed her B.Tech. in Computer Science and Information Technology (CSIT) in 2006 and M.Tech. in Computer Science and Engineering (CSE) in 2010. I has 16 years of teaching experience in engineering education and has been ratified as an Assistant Professor by JNTUH, Hyderabad.

I actively involved in research and has published five international journal papers in emerging areas such as

Fake profile identification using Machine Learning and NLP, smart agricultural systems, block chain-based e-voting with face recognition

Deep learning-based healthcare solutions for brain tumour and abnormal behaviour recognition using YOLO and EfficientNet-B3.

I has also presented research papers at national and international conferences, including

- APSMS-2010, the National Conference on Network Security at JITS, Karimnagar, where she presented a paper titled "Efficient Algorithm for Hierarchical Online Mining of Association Rules" and
- Multilingual Translation Systems: A Review, Analysis, Open Challenges and Solutions(IEEE)

I am the author of two academic books:

Machine Learning Theory, Models and Optimization (E-ISBN: 978-93-49091-26-9)

Cyber Security Fundamentals: Principles, Threats, and Defenses (E-ISBN: 978-93-49091-49-8)

My innovation and research contributions also include a published patent:

"Enhancing Reading Strategy Analysis for EFL/ESL Students in Higher Education Using Machine Learning" (Patent Application No. 202531000731 A, Publication Date: 10 January 2025).

In addition to teaching and research, I has actively participated in several Faculty Development Programs (FDPs), workshops, seminars, and professional training programs, demonstrating my commitment to continuous learning and academic excellence. I dedicated to delivering quality education, mentoring students, and contributing to research and innovation in the fields of Artificial Intelligence, Machine Learning, and Cyber Security.